



# Compartment Review Presentation

## Gladwin Forest Management Unit

Compartment 126

Entry Year 2016

Acreage: 8,379

County Arenac

Management Area: Gladwin Lake Plain

**Revision Date:** 05/20/2014

**Stand Examiner:** Richard Myrick

### Legal Description:

T19N - R03E, Sections 5 - 8, 14 - 18, 20, 21 & 32 T20N - R03E, Sections 20, 28 - 34

### Identified Planning Goals:

A number of goals have been identified for the Compartment: As established through the Gladwin Lake Plain Regional Management Plan aspen age classes are to be balanced to accommodate regional landscape objectives. A focus on Ash salvage operations is to continue as Emerald Ash Borer infestation spreads. A recent cooperative agreement with the Arenac and Gladwin County Road Commissions will identify and upgrade the worst county roads within the Unit through mutually beneficial management activities. The forest roads and trail system designations within the Compartment will be evaluated to clarify access for various multi-use values.

### Soil and topography:

Four general soil associations comprise this Compartment. Most northerly is the Rubicon Association; an undulating excessively drained lake and outwash plain sandy soil. Directly south, the Roscommon Association; noted as poorly drained lake plain depressions of sandy loam. Further south, the Au Gres-Roscommon Association; a somewhat poorly drained lake and outwash plain sand. Furthest south, the Rubicon-Iosco Association; a somewhat poorly drained outwash and lake plain sand.

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

The Compartment is a large almost contiguous tract of public land. It is bisected by a strip of Consumers Energy ownership maintained for overhead transmission lines. A significant gas transmission pipeline runs the length of the Compartment's center. The majority of the Compartment is surrounded by State land. The public-private interface is concentrated to the south. Private land generally is used for recreational/hunting purposes; although some limited agricultural use exists.

### Unique Natural Features:

The Michigan Natural Features Inventory (MNFI) lists the occurrence of Doll's Merolonche moth (*Merolonche Dollii*) within the Compartment. Red-Shouldered hawk (*Buteo lineatus*) and Eastern massasauga rattlesnake (*Sistrurus catenatus catenatus*) are listed with MNFI as occurring just outside the Compartment.

### Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

### Special Management Designations or Considerations:

A Director's Order restricts the use of approximately 1575 acres of the northern quarter of the Compartment east of Wells Creek to non-motorized vehicle and foot access only.

### Watershed and Fisheries Considerations:

Wells Creek flows through part of the Compartment. Three man-made ponds dominate the northeast area. They are the result of I-75 construction excavations.

### Wildlife Habitat Considerations:

Wildlife Habitat Considerations: Compartment #126. Both upland and lowland systems are present, making it suitable for a number of wildlife species. The majority of stands are lowland cover types with oak ridges in the southern portion of the compartment. Furbearers including beaver, mink, muskrat, black bear, bobcat, and coyote use the lowlands as corridors as well as year-round habitat. Game species likely to be present in this compartment include black bear, bobcat, raccoon, coyote, wood duck, wild turkey, ruffed grouse and white-tailed deer. Many bird species stand to benefit from the juxtaposition of lowland and upland habitats present in the compartment. These species include gray catbird, redbreasted vireo, white-breasted nuthatch, tufted titmouse, black-capped chickadees, eastern kingbirds and northern flicker. The compartment is easily accessible to hunters via the Sterling Truck Trail.

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

Surface sediments consist of lacustrine (lake) sand and gravel. The glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift are the Pennsylvanian Saginaw Formation and the Mississippian Michigan Formation. The Michigan is quarried for gypsum and the Saginaw is used for clay/shale. Gravel pits are not located in this area and potential appears to be limited. The mostly abandoned Moffatt 34 Field is located in the compartment. The Field produces minor oil from the Richfield Formation. Most of the Compartment is currently leased for oil and gas development.

#### **Vehicle Access:**

Access may be gained from Sterling Truck Trail, and Lucas, Ward, and Demura Roads. As an outcome of a Director's Order, Hunter Walking Trails have been designated east of Wells Creek in the north part of the Compartment through a series of three gates. The interior poor dirt roads can become seasonally impassable.

#### **Survey Needs:**

Much of the Compartment has been surveyed. Remonumented survey corners predominate. However, at the southern edges of the Compartment, sufficient markers to effectively designate timber sale lines along the public-private interface may be lacking.

#### **Recreational Facilities and Opportunities:**

There are no established facilities in the compartment. However, dispersed recreation is popular throughout the compartment with its varying cover types for hunting and camping. There is some abuse by illegal ORV activity in the southern portion of the compartment. Consider utilizing timber management activities to balance resource protection by closing illegal trails causing resource damage.

#### **Fire Protection:**

Wildland fire suppression could prove difficult within the Compartment. The limited county roads, disconnected poor dirt roads and overall seasonal wetness across much of the area will negatively affect fire suppression activities. Large contiguous areas of wet muck soils, leatherleaf and blueberry bog will be particularly challenging to equipment mobility. Interstate 75 serves as the Compartment's east border. Smoke and visibility management issues along the highway will be a priority.

#### **Additional Compartment Information:**

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

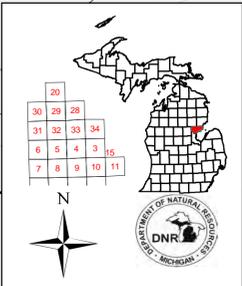
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

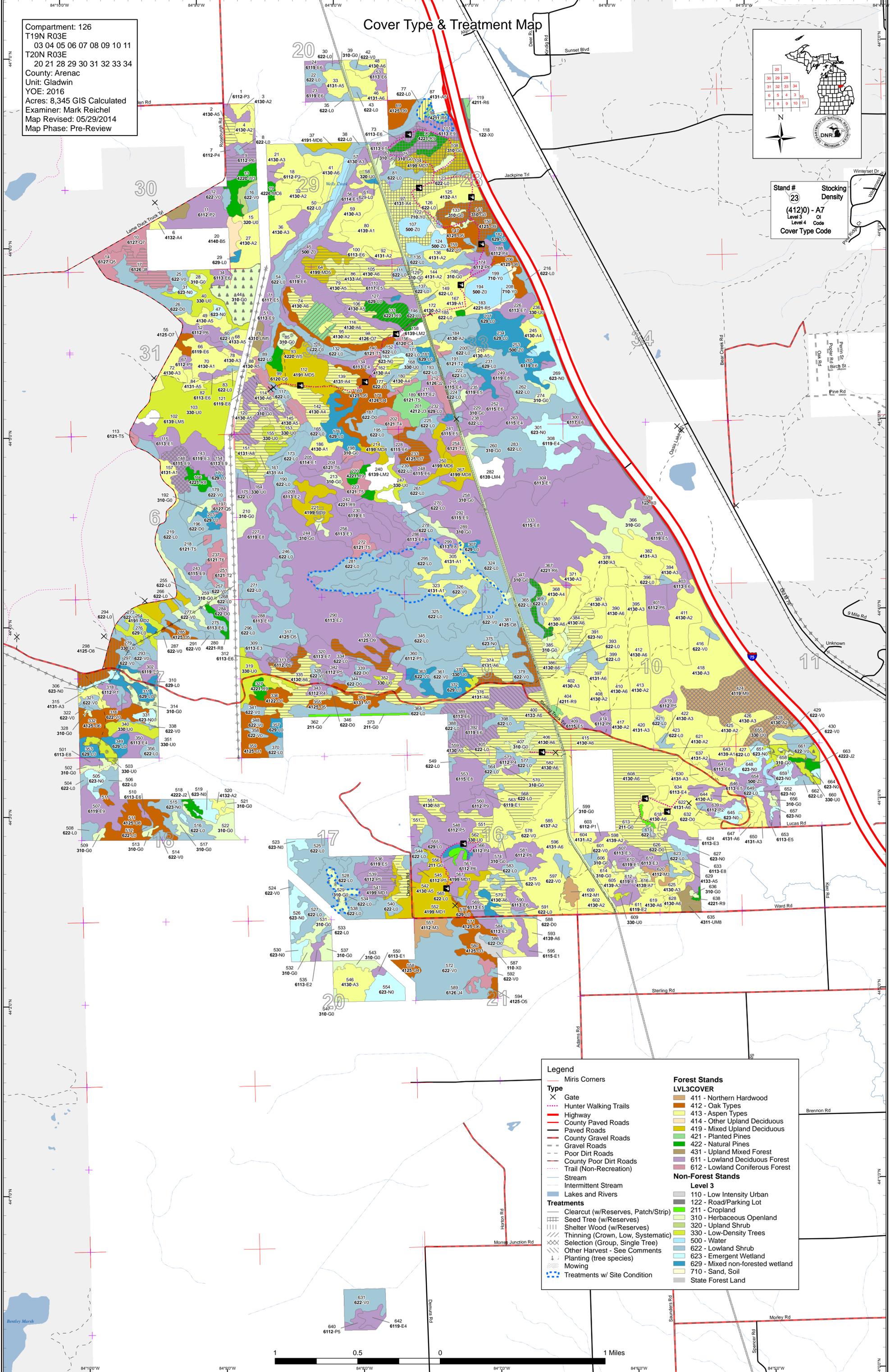
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatment Map

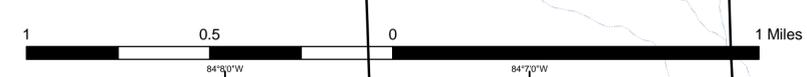
Compartment: 126  
 T19N R03E  
 03 04 05 06 07 08 09 10 11  
 T20N R03E  
 20 21 28 29 30 31 32 33 34  
 County: Arenac  
 Unit: Gladwin  
 YO: 2016  
 Acres: 8,345 GIS Calculated  
 Examiner: Mark Reichel  
 Map Revised: 05/29/2014  
 Map Phase: Pre-Review



Stand # **23**  
 Stacking Density  
**(412) - A7**  
 Level 3  
 Code  
 Cover Type Code

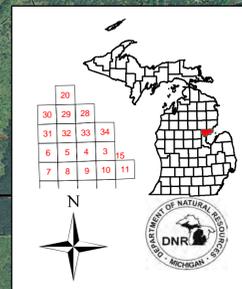


| Legend |                                    |
|--------|------------------------------------|
|        | Miris Corners                      |
|        | Type                               |
|        | Gate                               |
|        | Hunter Walking Trails              |
|        | Highway                            |
|        | County Paved Roads                 |
|        | Paved Roads                        |
|        | County Gravel Roads                |
|        | Gravel Roads                       |
|        | Poor Dirt Roads                    |
|        | County Poor Dirt Roads             |
|        | Trail (Non-Recreation)             |
|        | Stream                             |
|        | Intermittent Stream                |
|        | Lakes and Rivers                   |
|        | Clearcut (w/Reserves, Patch/Strip) |
|        | Seed Tree (w/Reserves)             |
|        | Shelter Wood (w/Reserves)          |
|        | Thinning (Crown, Low, Systematic)  |
|        | Selection (Group, Single Tree)     |
|        | Other Harvest - See Comments       |
|        | Planting (tree species)            |
|        | Mowing                             |
|        | Treatments w/ Site Condition       |
|        | 411 - Northern Hardwood            |
|        | 412 - Oak Types                    |
|        | 413 - Aspen Types                  |
|        | 414 - Other Upland Deciduous       |
|        | 419 - Mixed Upland Deciduous       |
|        | 421 - Planted Pines                |
|        | 422 - Natural Pines                |
|        | 431 - Upland Mixed Forest          |
|        | 611 - Lowland Deciduous Forest     |
|        | 612 - Lowland Coniferous Forest    |
|        | 110 - Low Intensity Urban          |
|        | 122 - Road/Parking Lot             |
|        | 211 - Cropland                     |
|        | 310 - Herbaceous Openland          |
|        | 320 - Upland Shrub                 |
|        | 330 - Low-Density Trees            |
|        | 500 - Water                        |
|        | 622 - Lowland Shrub                |
|        | 623 - Emergent Wetland             |
|        | 629 - Mixed non-forested wetland   |
|        | 710 - Sand, Soil                   |
|        | State Forest Land                  |

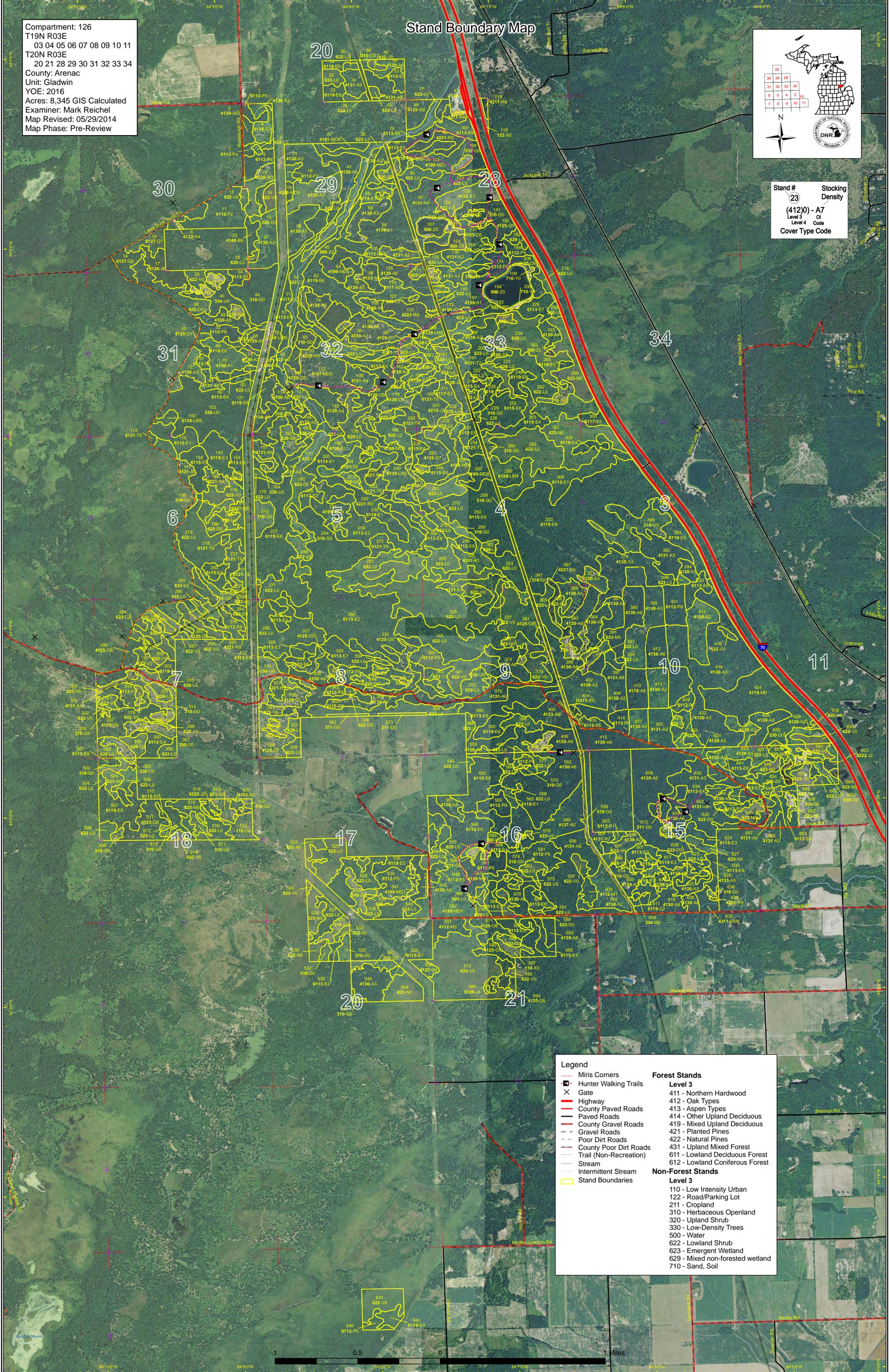


Compartment: 126  
 T19N R03E  
 03 04 05 06 07 08 09 10 11  
 T20N R03E  
 20 21 28 29 30 31 32 33 34  
 County: Arenac  
 Unit: Gladwin  
 YOE: 2016  
 Acres: 8,345 GIS Calculated  
 Examiner: Mark Reichel  
 Map Revised: 05/29/2014  
 Map Phase: Pre-Review

# Stand Boundary Map



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



| Legend            |                              |
|-------------------|------------------------------|
|                   | Miris Corners                |
|                   | Hunter Walking Trails        |
|                   | Gate                         |
|                   | Highway                      |
|                   | County Paved Roads           |
|                   | Paved Roads                  |
|                   | County Gravel Roads          |
|                   | Gravel Roads                 |
|                   | Poor Dirt Roads              |
|                   | County Poor Dirt Roads       |
|                   | Trail (Non-Recreation)       |
|                   | Stream                       |
|                   | Intermittent Stream          |
|                   | Stand Boundaries             |
| Forest Stands     |                              |
| <b>Level 3</b>    |                              |
| 411               | - Northern Hardwood          |
| 412               | - Oak Types                  |
| 413               | - Aspen Types                |
| 414               | - Other Upland Deciduous     |
| 419               | - Mixed Upland Deciduous     |
| 421               | - Planted Pines              |
| 422               | - Natural Pines              |
| 431               | - Upland Mixed Forest        |
| 611               | - Lowland Deciduous Forest   |
| 612               | - Lowland Coniferous Forest  |
| Non-Forest Stands |                              |
| <b>Level 3</b>    |                              |
| 110               | - Low Intensity Urban        |
| 122               | - Road/Parking Lot           |
| 211               | - Cropland                   |
| 310               | - Herbaceous Openland        |
| 320               | - Upland Shrub               |
| 330               | - Low-Density Trees          |
| 500               | - Water                      |
| 622               | - Lowland Shrub              |
| 623               | - Emergent Wetland           |
| 629               | - Mixed non-forested wetland |
| 710               | - Sand, Soil                 |







|                             | Age Class   |            |            |            |             |            |            |            |            |            |          |          |           |            | Total       |
|-----------------------------|-------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|----------|----------|-----------|------------|-------------|
|                             | 0-9         | 10-19      | 20-29      | 30-39      | 40-49       | 50-59      | 60-69      | 70-79      | 80-89      | 90-99      | 100-109  | 110-119  | 120 +     | Uneven Age |             |
| Aspen                       | 236         | 471        | 432        | 220        | 803         | 68         | 54         | 27         | 38         | 0          | 0        | 0        | 0         | 0          | 2348        |
| Bog                         | 323         | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 323         |
| Cedar                       | 0           | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 17        | 0          | 17          |
| Cropland                    | 11          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 11          |
| Herbaceous Openland         | 372         | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 372         |
| Jack Pine                   | 0           | 33         | 0          | 5          | 14          | 22         | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 74          |
| Low-Density Trees           | 238         | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 238         |
| Lowland Aspen/Balsam Poplar | 6           | 5          | 93         | 48         | 186         | 15         | 0          | 6          | 0          | 0          | 0        | 0        | 0         | 0          | 358         |
| Lowland Conifers            | 0           | 0          | 0          | 0          | 0           | 6          | 27         | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 33          |
| Lowland Deciduous           | 0           | 192        | 250        | 39         | 186         | 8          | 122        | 73         | 589        | 212        | 0        | 0        | 5         | 11         | 1687        |
| Lowland Mixed Forest        | 0           | 0          | 30         | 5          | 18          | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 53          |
| Lowland Shrub               | 1407        | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 1407        |
| Marsh                       | 212         | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 212         |
| Mixed Upland Deciduous      | 12          | 0          | 57         | 13         | 96          | 0          | 30         | 14         | 0          | 26         | 0        | 0        | 0         | 0          | 248         |
| Natural Mixed Pines         | 0           | 0          | 0          | 0          | 0           | 3          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 3           |
| Northern Hardwood           | 0           | 0          | 0          | 0          | 22          | 0          | 0          | 0          | 7          | 88         | 0        | 0        | 0         | 0          | 117         |
| Oak                         | 0           | 40         | 0          | 58         | 98          | 37         | 35         | 19         | 108        | 0          | 0        | 0        | 0         | 0          | 394         |
| Paper Birch                 | 0           | 0          | 0          | 0          | 0           | 9          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 9           |
| Red Pine                    | 0           | 0          | 1          | 0          | 8           | 55         | 21         | 15         | 0          | 0          | 0        | 0        | 0         | 0          | 100         |
| Sand, Soil                  | 8           | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 8           |
| Tamarack                    | 0           | 2          | 26         | 0          | 28          | 4          | 3          | 0          | 0          | 9          | 0        | 0        | 0         | 0          | 72          |
| Treed Bog                   | 85          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 85          |
| Upland Mixed Forest         | 0           | 5          | 5          | 0          | 9           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 20          |
| Upland Shrub                | 9           | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 9           |
| Urban                       | 44          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 44          |
| Water                       | 82          | 0          | 0          | 0          | 0           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 82          |
| White Pine                  | 18          | 0          | 0          | 0          | 6           | 0          | 0          | 0          | 0          | 0          | 0        | 0        | 0         | 0          | 23          |
| <b>Total</b>                | <b>3061</b> | <b>747</b> | <b>894</b> | <b>388</b> | <b>1474</b> | <b>227</b> | <b>292</b> | <b>153</b> | <b>742</b> | <b>335</b> | <b>0</b> | <b>0</b> | <b>22</b> | <b>11</b>  | <b>8345</b> |



## Report 2 – Proposed Treatment Summaries

**Gladwin Mgt. Unit**  
**Year of Entry 2016**

**Compartment 126**  
**Total Compartment Acres: 8,379**

### Acres by Treatment Type

Commercial Harvest - 1121    Tree Planting - 17                      Other - 223  
 Habitat Cut - 102                      Opening Maintenance - 14

### Cover Type by Harvest Method

|  | <i>Clearcut</i> | <i>Selection</i> | <i>Seed Tree</i> | <i>Shelterwood</i> | <i>Thinning</i> | <i>Other - Specify</i> | <i>Total Acres</i> |
|--|-----------------|------------------|------------------|--------------------|-----------------|------------------------|--------------------|
| <b>(Habitat Cut)Aspen Types</b>              | 53              | 0                | 0                | 0                  | 0               | 0                      | <b>53</b>          |
| <b>(Habitat Cut)Lowland Deciduous Forest</b> | 0               | 18               | 0                | 0                  | 0               | 0                      | <b>18</b>          |
| <b>(Habitat Cut)Natural Pines</b>            | 0               | 0                | 8                | 0                  | 23              | 0                      | <b>31</b>          |
| <b>Aspen Types</b>                           | 590             | 0                | 54               | 9                  | 0               | 0                      | <b>654</b>         |
| <b>Low-Density Trees</b>                     | 18              | 0                | 0                | 0                  | 0               | 0                      | <b>18</b>          |
| <b>Lowland Coniferous Forest</b>             | 22              | 0                | 0                | 0                  | 0               | 0                      | <b>22</b>          |
| <b>Lowland Deciduous Forest</b>              | 29              | 5                | 16               | 12                 | 0               | 84                     | <b>146</b>         |
| <b>Mixed Upland Deciduous</b>                | 20              | 0                | 31               | 0                  | 0               | 0                      | <b>51</b>          |
| <b>Natural Pines</b>                         | 0               | 0                | 14               | 0                  | 0               | 0                      | <b>14</b>          |
| <b>Northern Hardwood</b>                     | 0               | 88               | 0                | 0                  | 0               | 0                      | <b>88</b>          |
| <b>Oak Types</b>                             | 41              | 0                | 48               | 18                 | 0               | 0                      | <b>107</b>         |
| <b>Planted Pines</b>                         | 0               | 0                | 0                | 0                  | 21              | 0                      | <b>21</b>          |
| <b>Total</b>                                 | <b>773</b>      | <b>112</b>       | <b>171</b>       | <b>40</b>          | <b>43</b>       | <b>84</b>              | <b>1223</b>        |

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| Treatment Name | Acres | CoverType    | Size Density        | Stand Age | BA Range | Treatment Type | Treatment Method       | Cover Type Objective          | Approval Status       |
|----------------|-------|--------------|---------------------|-----------|----------|----------------|------------------------|-------------------------------|-----------------------|
| 2 73126002-Cut | 6.6   | 4130 - Aspen | Medium Density Pole | 51        |          | Harvest        | Clearcut with Reserves | 4139 - Aspen, Mixed Deciduous | Cmpt. Review Proposal |

Prescription Harvest the stand as a clearcut with reserves. Retain all white pine and mark some oak. Make sure and buffer the creek to the south.  
Specs:

Other Terrain is hummocky and wet in areas. Harvest during dry or frozen conditiona.  
Comments:

Next The stand is expected to regenerate naturally to aspen and red maple.  
Steps:

Proposed  
Start Date: 10/01/2015

|                |      |                      |                   |    |  |         |                        |                      |                       |
|----------------|------|----------------------|-------------------|----|--|---------|------------------------|----------------------|-----------------------|
| 9 73126009-Cut | 13.2 | 6112 - Lowland Aspen | High Density Pole | 28 |  | Harvest | Clearcut with Reserves | 6112 - Lowland Aspen | Cmpt. Review Proposal |
|----------------|------|----------------------|-------------------|----|--|---------|------------------------|----------------------|-----------------------|

Prescription Harvest the stand as a clearcut with reserves. Retain all the white pine and mark some oak to retain. make sure an buffer the creek to the north.  
Specs:

Other The stand is fairly wet and will need to be harvested during dry or frozen conditions.  
Comments:

Next The stand is expected to regenerate naturally to aspen and maple.  
Steps:

Proposed  
Start Date: 10/01/2015

|                 |      |                          |                    |    |        |         |                        |                     |                       |
|-----------------|------|--------------------------|--------------------|----|--------|---------|------------------------|---------------------|-----------------------|
| 17 73126017-Cut | 22.1 | 6126 - Lowland Jack Pine | Medium Density Log | 53 | 81-110 | Harvest | Clearcut with Reserves | 6127 - Lowland Pine | Cmpt. Review Proposal |
|-----------------|------|--------------------------|--------------------|----|--------|---------|------------------------|---------------------|-----------------------|

Prescription Harvest the stand as a clearcut with reserves. The retention should be in pockets and average 20 BA over the stand. Whole tree skid during  
Specs: harvest to scarify the ground.

Other The stand is wet and this could lead to rutting problems.  
Comments:

Next The stand is expected to regenerate naturally to Jack Pine if not it will need to be winter seeded off snowmobiles.  
Steps:

Proposed  
Start Date: 10/01/2015

|                 |      |                                     |                     |    |       |         |                        |                               |                       |
|-----------------|------|-------------------------------------|---------------------|----|-------|---------|------------------------|-------------------------------|-----------------------|
| 64 73126064-Cut | 19.7 | 4199 - Other Mixed Upland Deciduous | Medium Density Pole | 45 | 51-80 | Harvest | Clearcut with Reserves | 4139 - Aspen, Mixed Deciduous | Cmpt. Review Proposal |
|-----------------|------|-------------------------------------|---------------------|----|-------|---------|------------------------|-------------------------------|-----------------------|

Prescription Harvest the stand as a clearcut with reserves.  
Specs:

Other The stand has low vigor so harvest during dormancy peiord.  
Comments:

Next The stand is expeceted to regenerate to a moderatly stocked stand of aspen and mixed hardwoods with some pines.  
Steps:

Proposed  
Start Date: 10/01/2015

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| Treatment Name  | Acres | CoverType            | Size Density      | Stand Age | BA Range | Treatment Type | Treatment Method        | Cover Type Objective       | Approval Status       |
|-----------------|-------|----------------------|-------------------|-----------|----------|----------------|-------------------------|----------------------------|-----------------------|
| 73 73126073-Cut | 15.6  | 6113 - Lowland Maple | High Density Pole | 87        | 81-110   | Harvest        | Seed Tree with Reserves | 613 - Lowland Mixed Forest | Cmpt. Review Proposal |

Prescription The treatment boundary occurs on the upland portions of this stand. Mark 10 BA of oak to leave. Leave all red pine, white pine, and birch.

Specs:

Other Comments: This stand was set up for harvest in sale # 73-004-08-01 Pine Selection that came back to the State. The red line can be freshened up and re-used in most places.

Next Steps: The southern arm of this treatment will be included in the prescribed burn. The treated portion of this stand should be merged into the stand being treated the same way to the south.

Proposed Start Date: 10/01/2015

|                 |      |              |                   |    |  |         |                        |             |                       |
|-----------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|
| 74 73126074-Cut | 11.0 | 4130 - Aspen | High Density Pole | 45 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|-----------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription Harvest the stand as a clearcut with reserves

Specs:

Other Comments:

Next Steps: The stand is expected to regenerate to aspen with some other hardwood species.

Proposed Start Date: 10/01/2015

|                 |      |              |                     |    |  |         |                        |             |                       |
|-----------------|------|--------------|---------------------|----|--|---------|------------------------|-------------|-----------------------|
| 79 73126079-Cut | 12.3 | 4130 - Aspen | Medium Density Pole | 45 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|-----------------|------|--------------|---------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription Harvest the stand as a clearcut with reserves.

Specs:

Other Comments: Portion of the stand are wet so rutting could be a problem.

Next Steps: The stand is expected to regenerate naturally to aspen with some other species mixed in.

Proposed Start Date: 10/01/2015

|                 |      |                          |                   |    |  |         |                        |             |                       |
|-----------------|------|--------------------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|
| 86 73126086-Cut | 10.8 | 4133 - Aspen, Mixed Pine | High Density Pole | 45 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|-----------------|------|--------------------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription Harvest the stand as a clearcut with reserves.

Specs:

Other Comments: There are areas in the stand that are low and wet and rutting could be a problem. Harvest the stand during dry or frozen conditions.

Next Steps: The stand is expected to regenerate naturally to a moderately stocked aspen stand mixed with other hardwoods.

Proposed Start Date: 10/01/2015

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| Treatment Name  | Acres | CoverType                | Size Density     | Stand Age | BA Range | Treatment Type | Treatment Method        | Cover Type Objective    | Approval Status       |
|-----------------|-------|--------------------------|------------------|-----------|----------|----------------|-------------------------|-------------------------|-----------------------|
| 90 73126090-Cut | 14.5  | 42210 - Natural Red Pine | High Density Log | 66        | 200+     | Harvest        | Seed Tree with Reserves | 4211 - Planted Red Pine | Cmpt. Review Proposal |

Prescription Ignore the orange paint that is present and mark 10 BA to leave using green paint. The yellow unit boundary needs to be freshened up.  
Specs:

Other Comments: The stand was part of sale # 73-004-08-01 Pine Selection that was not harvested and the sale closed. The prescription is being changed.

Next Steps: This stand will be part of a prescribed burn with the objective of stimulating blueberry production in a non-forested stand with large diameter pine and oak in the overstory.

Proposed Start Date: 10/01/2015

|                 |      |                          |                   |    |         |         |              |                         |                       |
|-----------------|------|--------------------------|-------------------|----|---------|---------|--------------|-------------------------|-----------------------|
| 91 73126091-Cut | 16.6 | 42110 - Planted Red Pine | High Density Pole | 57 | 111-140 | Harvest | Low Thinning | 4211 - Planted Red Pine | Cmpt. Review Proposal |
|-----------------|------|--------------------------|-------------------|----|---------|---------|--------------|-------------------------|-----------------------|

Prescription Mark red pine to remove from below. Remove suppressed and poor formed trees leaving 100 BA  
Specs:

Other Comments:

Next Steps: Oak is building in the understory. Long-term management would be for a mixed natural oak/pine stand.

Proposed Start Date: 10/01/2015

|                 |      |                   |                  |    |  |         |                         |             |                       |
|-----------------|------|-------------------|------------------|----|--|---------|-------------------------|-------------|-----------------------|
| 97 73126097-Cut | 54.1 | 4131 - Aspen, Oak | Low Density Pole | 68 |  | Harvest | Seed Tree with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|-----------------|------|-------------------|------------------|----|--|---------|-------------------------|-------------|-----------------------|

Prescription Leave all oak, red pine, white pine, and birch.  
Specs:

Other Comments:

Next Steps: The northwest part of the stand will be included in a prescribed burn to the north. The road bisecting this stand will be used as the south line for the burn.

Proposed Start Date: 10/01/2015

|                  |      |                                     |                 |    |      |         |                         |             |                       |
|------------------|------|-------------------------------------|-----------------|----|------|---------|-------------------------|-------------|-----------------------|
| 104 73126104-Cut | 31.0 | 4199 - Other Mixed Upland Deciduous | Low Density Log | 68 | 1-50 | Harvest | Seed Tree with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|------------------|------|-------------------------------------|-----------------|----|------|---------|-------------------------|-------------|-----------------------|

Prescription Mark 10 BA of oak to leave. Leave all red pine, white pine, and birch.  
Specs:

Other Comments: This stand was set up for harvest in sale # 73-004-08-01 Pine Selection that came back to the State. The red line can be freshened up and re-used in most places.

Next Steps: The majority of this stand will be include in a prescribed burn for blueberry production and non-forested values. The section to the southeast can be merged with the stand to the south. The two stands to the north can be merged into this stand once the timber sale is complete. The Rx burn treatment would be placed on this one stand. The burn line will follow and become the hunter walking trail. This will be the boundary of this future stand.

Proposed Start Date: 10/01/2015



| S<br>t<br>a<br>n<br>d  | Treatment<br>Name | Acres | CoverType    | Size<br>Density           | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method       | Cover Type<br>Objective | Approval<br>Status       |
|--|-------------------|-------|--------------|---------------------------|--------------|-------------|-------------------|---------------------------|-------------------------|--------------------------|
| 105  | 73126105-Cut      | 22.7  | 4130 - Aspen | High<br>Density<br>Pole   | 45           |             | Harvest           | Clearcut with<br>Reserves | 413 - Aspen             | Cmpt. Review<br>Proposal |
| <u>Prescription</u> Harvest the stand as a clearcut with reserves.   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Specs:</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Other</u> The stand is mostly upland so rutting should not be a major problem.  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Comments:</u>   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Next</u> The stand is expected to regenerate naturally to aspen with some other species.  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Steps:</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Proposed</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Start Date:</u> 10/01/2015  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| 106  | 73126106-Cut      | 6.8   | 4130 - Aspen | Medium<br>Density<br>Pole | 45           |             | Harvest           | Clearcut with<br>Reserves | 413 - Aspen             | Cmpt. Review<br>Proposal |
| <u>Prescription</u> Harvest the stand as a clearcut with reserves.   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Specs:</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Other</u> The stand has a significant amount of wet ground so harvest during dry or frozen conditions.  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Comments:</u>   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Next</u> The stand is expected to regenerate naturally to aspen with other species.   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Steps:</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Proposed</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Start Date:</u> 10/01/2015  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| 114  | 73126114-Cut      | 7.7   | 4130 - Aspen | High<br>Density<br>Pole   | 45           |             | Harvest           | Clearcut with<br>Reserves | 413 - Aspen             | Cmpt. Review<br>Proposal |
| <u>Prescription</u> Harvest the stand as a clearcut with reserves. The retention should be in pockets. In addition mark some trees to be knocked down for drumming logs. |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Specs:</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Other</u> The stand has some wet pocket that will need to be watched for rutting.   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Comments:</u>   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Next</u> The stand is expected to regenerate naturally to aspen mixed with some hardwoods.  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Steps:</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Proposed</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Start Date:</u> 10/01/2015  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| 116  | 73126116-Cut      | 30.2  | 4130 - Aspen | High<br>Density<br>Pole   | 45           |             | Harvest           | Clearcut with<br>Reserves | 413 - Aspen             | Cmpt. Review<br>Proposal |
| <u>Prescription</u> Harvest the stand as a clearcut with reserves.   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Specs:</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Other</u>   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Comments:</u>   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Next</u> The stand is expected to regenerate to aspen with some other hardwood species.   |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Steps:</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Proposed</u>  |                   |       |              |                           |              |             |                   |                           |                         |                          |
| <u>Start Date:</u> 10/01/2015  |                   |       |              |                           |              |             |                   |                           |                         |                          |

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| Treatment Name   | Acres | CoverType    | Size Density        | Stand Age | BA Range | Treatment Type | Treatment Method       | Cover Type Objective | Approval Status       |
|------------------|-------|--------------|---------------------|-----------|----------|----------------|------------------------|----------------------|-----------------------|
| 120 73126120-Cut | 8.4   | 4130 - Aspen | Medium Density Pole | 45        |          | Harvest        | Clearcut with Reserves | 413 - Aspen          | Cmpt. Review Proposal |

Prescription Harvest the stand as a clearcut with reserves. The retention should be in pockets. In addition mark some trees to be knocked down for drumming logs.

Other The stand has areas that are wet so rutting could be a problem.  
Comments:

Next The stand is expected to be medium to well stocking of aspen with other hardwoods.  
Steps:

Proposed  
Start Date: 10/01/2015

|                  |      |                                       |                    |    |       |         |                             |                                |                       |
|------------------|------|---------------------------------------|--------------------|----|-------|---------|-----------------------------|--------------------------------|-----------------------|
| 121 73126121-Cut | 25.5 | 6119 - Mixed Lowland Deciduous Forest | Medium Density Log | 74 | 51-80 | Harvest | Other - Specify in Comments | 611 - Lowland Deciduous Forest | Cmpt. Review Proposal |
|------------------|------|---------------------------------------|--------------------|----|-------|---------|-----------------------------|--------------------------------|-----------------------|

Prescription The stand is to be marked retaining 60 BA. When marking favor the removal of ash.  
Specs:

Other The stand is quit wet so rutting could be an issue.  
Comments:

Next The stand is expected to regenerate to lowland hardwoods.  
Steps:

Proposed  
Start Date: 10/01/2015

|                  |      |                          |                  |    |      |         |              |                         |                       |
|------------------|------|--------------------------|------------------|----|------|---------|--------------|-------------------------|-----------------------|
| 131 73126131-Cut | 22.6 | 42210 - Natural Red Pine | High Density Log | 57 | 200+ | Harvest | Low Thinning | 4211 - Planted Red Pine | Cmpt. Review Proposal |
|------------------|------|--------------------------|------------------|----|------|---------|--------------|-------------------------|-----------------------|

Prescription 2nd thin. Remove suppressed and poor formed trees leaving 100 BA  
Specs:

Other  
Comments:

Next Intermediate cut.  
Steps:

Proposed  
Start Date: 10/01/2015

|                  |      |                   |                  |    |  |         |                        |             |                       |
|------------------|------|-------------------|------------------|----|--|---------|------------------------|-------------|-----------------------|
| 139 73126139-Cut | 14.1 | 4131 - Aspen, Oak | Low Density Pole | 45 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|------------------|------|-------------------|------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription Harvest the stand as a clearcut with reserves. The stand is medium to poor quality and appears to have low vigor. Harvest the stand during dormancy.  
Specs:

Other  
Comments:

Next The stand is expected to regenerate to a medium to poorly stocked stand of aspen and mixed other species.  
Steps:

Proposed  
Start Date: 10/01/2015



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| Treatment Name   | Acres | CoverType    | Size Density     | Stand Age | BA Range | Treatment Type | Treatment Method       | Cover Type Objective                | Approval Status       |
|------------------|-------|--------------|------------------|-----------|----------|----------------|------------------------|-------------------------------------|-----------------------|
| 142 73126142-Cut | 15.8  | 4130 - Aspen | Low Density Pole | 45        |          | Harvest        | Clearcut with Reserves | 4199 - Other Mixed Upland Deciduous | Cmpt. Review Proposal |

Prescription harvest the stand as a clearcut with reserves marking some oaks and conifers for retention.

Specs:

Other Comments: There are to areas in the northern portion of the stand that have little or no aspen mark these out.

Next Steps:

The stand is expected to have some regeneration of aspen and maintain at least a moderate stocking.

Proposed Start Date:

10/01/2015

|                  |     |              |                     |    |  |         |                        |             |                       |
|------------------|-----|--------------|---------------------|----|--|---------|------------------------|-------------|-----------------------|
| 145 73126145-Cut | 9.9 | 4130 - Aspen | Medium Density Pole | 45 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|------------------|-----|--------------|---------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription Clearcut with reserves. The stand should be harvested late summer through winter.

Specs:

Other Comments: There are some inclusion of low wet ground so rutting may be a problem in areas.

Next Steps:

The stand is expected to regenerate naturally to aspen and other species.

Proposed Start Date:

10/01/2015

|                  |      |                    |                  |    |       |         |                       |                                |                       |
|------------------|------|--------------------|------------------|----|-------|---------|-----------------------|--------------------------------|-----------------------|
| 148 73126148-Cut | 18.4 | 6115 - Lowland Ash | High Density Log | 89 | 51-80 | Harvest | Single Tree Selection | 611 - Lowland Deciduous Forest | Cmpt. Review Proposal |
|------------------|------|--------------------|------------------|----|-------|---------|-----------------------|--------------------------------|-----------------------|

Prescription Harvest as a salvage and selection retaining 80 BA. The stand looks to be about 80% operable.

Specs:

Other Comments: Soils are wet so rutting could be a problem

Next Steps:

The stand is expected to regenerate to a mixture of red maple and other swamp hardwood.

Proposed Start Date:

10/01/2015

|                  |      |                          |                  |    |       |         |                         |           |                       |
|------------------|------|--------------------------|------------------|----|-------|---------|-------------------------|-----------|-----------------------|
| 150 73126150-Cut | 32.0 | 4125 - Black, N. Pin Oak | High Density Log | 87 | 51-80 | Harvest | Seed Tree with Reserves | 412 - Oak | Cmpt. Review Proposal |
|------------------|------|--------------------------|------------------|----|-------|---------|-------------------------|-----------|-----------------------|

Prescription Mark 10 BA of large crowned mast trees/wildlife trees to leave. Leave all red pine and white pine.

Specs:

Other Comments: Stand is along I-75 so there are some visual concern that a shelter wood should address.

Next Steps:

The stand is expected to regenerate with a mixture of oak aspen and other species.

Proposed Start Date:

10/01/2015

|                  |     |                   |                    |    |  |         |                        |             |                       |
|------------------|-----|-------------------|--------------------|----|--|---------|------------------------|-------------|-----------------------|
| 151 73126151-Cut | 6.5 | 4131 - Aspen, Oak | Medium Density Log | 53 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|------------------|-----|-------------------|--------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription Harvest the stand as a clearcut with reserves. The retention should be in pocket and used to protect some of the good oak pockets.

Specs:

Other Comments:

Next Steps:

The stand is expected to regenerate to a mixture of aspen and other hardwoods.

Proposed Start Date:

10/01/2015



| S<br>t<br>a<br>n<br>d  | Treatment<br>Name | Acres | CoverType               | Size<br>Density        | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method            | Cover Type<br>Objective                | Approval<br>Status       |
|--|-------------------|-------|-------------------------|------------------------|--------------|-------------|-------------------|--------------------------------|--|--------------------------|
| 154  | 73126154-Cut      | 6.6   | 6113 - Lowland<br>Maple | High<br>Density Log    | 95           | 111-140     | Harvest           | Other - Specify<br>in Comments | 611 - Lowland<br>Deciduous Forest      | Cmpt. Review<br>Proposal |
| <u>Prescription</u> Salvage the ash and select harvest remainder down to 80 BA   |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Specs:</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Other</u> The stand is wet and rutting could be a problem.  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Comments:</u>   |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Next</u> The stand is expected to regenerate naturally to lowland deciduous.  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Steps:</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Proposed</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Start Date:</u> 10/01/2015  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| 161  | 73126161-Cut      | 21.7  | 4131 - Aspen, Oak       | Low<br>Density<br>Pole | 53           | 1-50        | Harvest           | Clearcut with<br>Reserves      | 4199 - Other Mixed<br>Upland Deciduous | Cmpt. Review<br>Proposal |
| <u>Prescription</u> harvest as a clearcut with reservest. The retention should be in pockets mainly with some of the scattered oaks marked for mast. |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Specs:</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Other</u> The stand is narrow and there may be some areas that are wet.   |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Comments:</u>   |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Next</u> The stand is expected to regenerate natural to a medium stock mixed upland deciduous.  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Steps:</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Proposed</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Start Date:</u> 10/01/2015  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| 162  | 73126162-Cut      | 9.6   | 4130 - Aspen            | Low<br>Density<br>Pole | 45           |             | Harvest           | Clearcut with<br>Reserves      | 413 - Aspen                            | Cmpt. Review<br>Proposal |
| <u>Prescription</u> Harvest the stand as a clearcut with reserves  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Specs:</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Other</u> Some areas of the stand are wet so rutting could be a problem.  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Comments:</u>   |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Next</u> The stand is expected to regenerate naturally to aspen with other hardwoods.   |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Steps:</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Proposed</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Start Date:</u> 10/01/2015  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| 180  | 73126180-Cut      | 5.1   | 4130 - Aspen            | Low<br>Density<br>Pole | 45           |             | Harvest           | Clearcut                       | 413 - Aspen                            | Cmpt. Review<br>Proposal |
| <u>Prescription</u> Access is difficult and may not be able to get a comercial operation to the stand so habitat cut or leave.                       |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Specs:</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Other</u>   |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Comments:</u>   |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Next</u> The stand is expected to regeneate to aspen.   |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Steps:</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Proposed</u>  |                   |       |                         |                        |              |             |                   |                                |  |                          |
| <u>Start Date:</u> 10/01/2015  |                   |       |                         |                        |              |             |                   |                                |  |                          |



| Stand   | Treatment Name | Acres | CoverType                | Size Density        | Stand Age | BA Range | Treatment Type | Treatment Method       | Cover Type Objective                  | Approval Status       |
|---|----------------|-------|--------------------------|---------------------|-----------|----------|----------------|------------------------|---------------------------------------|-----------------------|
| 233   | 73126233-Cut   | 17.9  | 4125 - Black, N. Pin Oak | Low Density Log     | 55        | 1-50     | Harvest        | Clearcut with Reserves | 4121 - Oak, Aspen                     | Cmpt. Review Proposal |
| <u>Prescription</u> This stand is currently under contract sale # 73-006-10-01 I75 Harvest. The stand was set up as a clearcut with reserves with all the oak and pine being retained.<br><u>Specs:</u><br><u>Other Comments:</u><br><u>Next Steps:</u> It is not expected to regenerate well so FTP C73-888 has been written to interplant the site with red pine.<br><u>Proposed Start Date:</u> 10/01/2015 |                |       |                          |                     |           |          |                |                        |                                       |                       |
| 298   | 73126298-Cut   | 18.4  | 4125 - Black, N. Pin Oak | Medium Density Log  | 87        | 1-50     | Harvest        | Shelterwood            | 412 - Oak                             | Cmpt. Review Proposal |
| <u>Prescription</u> harvest the stand as a shelter wood retaining 30 BA. When marking favor the retention of healthy oak.<br><u>Specs:</u><br><u>Other Comments:</u><br><u>Next Steps:</u> The stand is expected to regenerate to oak mixed with other species to a medium stocking. If not seed tree harvest and inter plant red pine.<br><u>Proposed Start Date:</u> 10/01/2015                             |                |       |                          |                     |           |          |                |                        |                                       |                       |
| 313   | 73126313-Cut   | 5.2   | 6112 - Lowland Aspen     | High Density Pole   | 49        |          | Harvest        | Group Selection        | 6119 - Mixed Lowland Deciduous Forest | Cmpt. Review Proposal |
| <u>Prescription</u> harvest the stand by doing an aspen removal and marking other trees to make the stand loggable as needed.<br><u>Specs:</u><br><u>Other Comments:</u><br><u>Next Steps:</u> The stand is expected to regenerate as an aspen stand mixed with other species.<br><u>Proposed Start Date:</u> 10/01/2015  |                |       |                          |                     |           |          |                |                        |                                       |                       |
| 317   | 73126317-Cut   | 7.3   | 4125 - Black, N. Pin Oak | Medium Density Pole | 49        | 1-50     | Harvest        | Clearcut with Reserves | 412 - Oak                             | Cmpt. Review Proposal |
| <u>Prescription</u> Harvest the stand as a clearcut with reserves retaining all the oak that is < 4"DBH, white pine and white oak.<br><u>Specs:</u><br><u>Other Comments:</u><br><u>Next Steps:</u> The stand will need to be interplanted with red pine to achieve full stocking.<br><u>Proposed Start Date:</u> 10/01/2015  |                |       |                          |                     |           |          |                |                        |                                       |                       |
| 330   | 73126330-Cut   | 15.6  | 4125 - Black, N. Pin Oak | High Density Log    | 77        | 51-80    | Harvest        | Clearcut with Reserves | 412 - Oak                             | Cmpt. Review Proposal |
| <u>Prescription</u> Harvest the stand as a clearcut with reserves retaining all the oak that is < 4"DBH, white pine and white oak. Mark some of the oak for retention around traditional hunting camps.<br><u>Specs:</u><br><u>Other Comments:</u><br><u>Next Steps:</u> The stand will need to be interplanted with red pine to achieve full stocking.<br><u>Proposed Start Date:</u> 10/01/2015             |                |       |                          |                     |           |          |                |                        |                                       |                       |



| S<br>t<br>a<br>n<br>d | Treatment<br>Name | Acres | CoverType    | Size<br>Density         | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method       | Cover Type<br>Objective                | Approval<br>Status       |
|-----------------------|-------------------|-------|--------------|-------------------------|--------------|-------------|-------------------|---------------------------|--|--------------------------|
| 335                   | 73126335-Cut      | 34.3  | 4130 - Aspen | High<br>Density<br>Pole | 46           |             | Harvest           | Clearcut with<br>Reserves | 4199 - Other Mixed<br>Upland Deciduous | Cmpt. Review<br>Proposal |

Prescription harvest the stand as a clearcut with reserves retaining all the oak. Push treatment to the east along Sterling Truck Trail.

Specs:

Other

Comments:

Next The stand is expected to regenerate to mixed upland deciduous.

Steps:

Proposed

Start Date: 10/01/2015

|     |              |      |                   |                           |    |      |         |                           |  |                          |
|-----|--------------|------|-------------------|---------------------------|----|------|---------|---------------------------|--|--------------------------|
| 354 | 73126354-Cut | 10.5 | 4131 - Aspen, Oak | Medium<br>Density<br>Pole | 49 | 1-50 | Harvest | Clearcut with<br>Reserves | 4199 - Other Mixed<br>Upland Deciduous | Cmpt. Review<br>Proposal |
|-----|--------------|------|-------------------|---------------------------|----|------|---------|---------------------------|--|--------------------------|

Prescription Harvest the stand as a clearcut with reserves. Retain all the oak. Push the treatment to the west along the Sterling

Specs: Truck Trail.

Other

Comments:

Next The stand is expected to regenerate natural to mixed upland deciduous.

Steps:

Proposed

Start Date: 10/01/2015

|     |              |     |                             |                         |    |  |         |                            |                            |                          |
|-----|--------------|-----|-----------------------------|-------------------------|----|--|---------|----------------------------|----------------------------|--------------------------|
| 367 | 73126367-Cut | 8.1 | 42210 - Natural<br>Red Pine | High<br>Density<br>Pole | 54 |  | Harvest | Seed Tree with<br>Reserves | 4221 - Natural Red<br>Pine | Cmpt. Review<br>Proposal |
|-----|--------------|-----|-----------------------------|-------------------------|----|--|---------|----------------------------|----------------------------|--------------------------|

Prescription This stand is currently under contract sale # 73-006-10-01 I75 Harvest. This narrow ridge was set up as a seedtree harvest retaining 30 BA.

Specs:

Other

Comments:

Next The stand is expected to regenerate naturally to red pine.

Steps:

Proposed

Start Date: 10/01/2015

|     |              |      |                   |                         |    |  |         |                           |             |                          |
|-----|--------------|------|-------------------|-------------------------|----|--|---------|---------------------------|-------------|--------------------------|
| 374 | 73126374-Cut | 24.7 | 4131 - Aspen, Oak | High<br>Density<br>Pole | 32 |  | Harvest | Clearcut with<br>Reserves | 413 - Aspen | Cmpt. Review<br>Proposal |
|-----|--------------|------|-------------------|-------------------------|----|--|---------|---------------------------|-------------|--------------------------|

Prescription Harvest the stand as a clearcut with reserves leaving all the oak <4" DBH, all conifers, and white oak. In addition mark some overstory oaks for

Specs: mast.

Other

Comments:

Next The stand is expected to regenerate naturally to aspen mixed with some oak and conifers.

Steps:

Proposed

Start Date: 10/01/2015

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| Treatment Name   | Acres | CoverType         | Size Density      | Stand Age | BA Range | Treatment Type | Treatment Method       | Cover Type Objective | Approval Status       |
|------------------|-------|-------------------|-------------------|-----------|----------|----------------|------------------------|----------------------|-----------------------|
| 376 73126376-Cut | 27.3  | 4131 - Aspen, Oak | High Density Pole | 32        |          | Harvest        | Clearcut with Reserves | 413 - Aspen          | Cmpt. Review Proposal |

Prescription Harvest the stand as a clearcut with reserves leaving all the oak <4" DBH, all conifers, and white oak. In addition mark some overstory oaks for mast.

Other  
Comments:

Next The stand is expected to regenerate naturally to aspen mixed deciduous

Proposed  
Start Date: 10/01/2015

|                  |      |                          |                    |    |  |         |           |           |                       |
|------------------|------|--------------------------|--------------------|----|--|---------|-----------|-----------|-----------------------|
| 381 73126381-Cut | 16.1 | 4125 - Black, N. Pin Oak | Medium Density Log | 84 |  | Harvest | Seed Tree | 412 - Oak | Cmpt. Review Proposal |
|------------------|------|--------------------------|--------------------|----|--|---------|-----------|-----------|-----------------------|

Prescription This stand is currently under contract sale # 73-006-10-01 I75 Harvest. The stand is being harvested as a seed tree harvest retaining 20 BA

Other  
Comments:

Next The stand is expected to regenerate to oak and aspen

Proposed  
Start Date: 10/01/2015

|                  |      |              |                   |    |  |         |                        |             |                       |
|------------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|
| 384 73126384-Cut | 14.7 | 4130 - Aspen | High Density Pole | 46 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|------------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription The stand is currently under contract I-75 Harvest. Trees are marked with green for retention.

Other  
Comments:

Next The stand is expected to regenerate naturally to aspen with mixed hardwoods.

Proposed  
Start Date: 10/01/2015

|                  |      |              |                   |    |  |         |                        |             |                       |
|------------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|
| 386 73126386-Cut | 17.4 | 4130 - Aspen | High Density Pole | 46 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|------------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription This stand is currently under contract sale # 73-006-10-01 I75 Harvest. The stand is set up as a clearcut with reserves. The oak and pines are to be retained.

Other May need to delay treatment because of green up issues.  
Comments:

Next The stand is expected to regenerate to aspen and mixed hardwoods.

Proposed  
Start Date: 10/01/2015



| Stand  | Treatment Name | Acres | CoverType                             | Size Density      | Stand Age | BA Range | Treatment Type | Treatment Method            | Cover Type Objective           | Approval Status       |
|--|----------------|-------|---------------------------------------|-------------------|-----------|----------|----------------|-----------------------------|--------------------------------|-----------------------|
| 389  | 73126389-Cut   | 51.6  | 6113 - Lowland Maple                  | High Density Pole | 94        | 81-110   | Harvest        | Other - Specify in Comments | 613 - Lowland Mixed Forest     | Cmpt. Review Proposal |
| <u>Prescription</u> harvest the stand by salvaging the aspen and ash from the uplands.<br><u>Specs:</u><br><u>Other Comments:</u><br><u>Next Steps:</u> The stand is expected to regenerate to lowland mixed forest.<br><u>Proposed Start Date:</u> 10/01/2015   |                |       |                                       |                   |           |          |                |                             |                                |                       |
| 392  | 73126392-Cut   | 12.4  | 6119 - Mixed Lowland Deciduous Forest | High Density Pole | 94        |          | Harvest        | Shelter Wood with Reserves  | 611 - Lowland Deciduous Forest | Cmpt. Review Proposal |
| <u>Prescription</u> This stand is currently under contract I-75 Harvest Sale # 73-006-10-01. The stand is being harvest as a shelterwood retaining 50 BA.<br><u>Specs:</u><br><u>Other Comments:</u> Soil is wet so it is to be harvested during dry or frozen conditions.<br><u>Next Steps:</u> The stand is expected to regenerate naturally to lowland hardwoods.<br><u>Proposed Start Date:</u> 10/01/2015       |                |       |                                       |                   |           |          |                |                             |                                |                       |
| 397  | 73126397-Cut   | 5.3   | 4131 - Aspen, Oak                     | High Density Pole | 46        |          | Harvest        | Clearcut with Reserves      | 413 - Aspen                    | Cmpt. Review Proposal |
| <u>Prescription</u> This stand is currently under contract sale # 73-006-10-01 I75 Harvest. The stand was set up as a clearcut with reserves having trees marked with green paint for retention.<br><u>Specs:</u><br><u>Other Comments:</u><br><u>Next Steps:</u> The stand is expected to regenerate to aspen and mixed hardwoods.<br><u>Proposed Start Date:</u> 10/01/2015  |                |       |                                       |                   |           |          |                |                             |                                |                       |
| 400  | 73126400-Cut   | 28.2  | 4133 - Aspen, Mixed Pine              | High Density Pole | 46        |          | Harvest        | Clearcut with Reserves      | 4133 - Aspen, Mixed Pine       | Cmpt. Review Proposal |
| <u>Prescription</u> This stand is currently under contract sale # 73-006-10-01 I75 Harvest. This stand is being harvested as a clearcut with reserves. All the oaks are being retained.<br><u>Specs:</u><br><u>Other Comments:</u><br><u>Next Steps:</u> The stand is not expected to regenerate and an FTP has been written C73-888 to interplant the area with red pine.<br><u>Proposed Start Date:</u> 10/01/2015 |                |       |                                       |                   |           |          |                |                             |                                |                       |

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| Treatment Name   | Acres | CoverType    | Size Density      | Stand Age | BA Range | Treatment Type | Treatment Method       | Cover Type Objective | Approval Status       |
|------------------|-------|--------------|-------------------|-----------|----------|----------------|------------------------|----------------------|-----------------------|
| 406 73126406-Cut | 32.5  | 4130 - Aspen | High Density Pole | 46        |          | Harvest        | Clearcut with Reserves | 413 - Aspen          | Cmpt. Review Proposal |

Prescription Harvest the stand as a clearcut with reserves. When marking the boundary maintain a 1 chain buffer around stand 407. May need to delay  
Specs: treatment because of green up issues.

Other Last minute aspen timber sale is to the south so green up could be a problem.  
Comments:

Next Stand is expected to regenerate natural to aspen mixed with hardwoods.  
Steps:

Proposed  
Start Date: 10/01/2015

|                  |      |              |                   |    |  |         |                        |             |                       |
|------------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|
| 415 73126415-Cut | 28.7 | 4130 - Aspen | High Density Pole | 47 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|------------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription Harvest the stand as a clearcut with reserver. The retention could be in patches and not exceed 5%.  
Specs:

Other  
Comments:

Next The stand is expected to regenrate to aspen with some other hardwood species.  
Steps:

Proposed  
Start Date: 10/01/2015

|                  |      |                                 |                  |    |  |         |                 |                                     |                       |
|------------------|------|---------------------------------|------------------|----|--|---------|-----------------|-------------------------------------|-----------------------|
| 424 73126424-Cut | 88.0 | 4119 - Mixed Northern Hardwoods | High Density Log | 91 |  | Harvest | Group Selection | 4199 - Other Mixed Upland Deciduous | Cmpt. Review Proposal |
|------------------|------|---------------------------------|------------------|----|--|---------|-----------------|-------------------------------------|-----------------------|

Prescription This stand is currently under contract sale # 73-006-10-01 I75 Harvest. The stand was set up as a selection retaining 70 BA.  
Specs:

Other  
Comments:

Next The stand is expected to regenerate to hardwoods.  
Steps:

Proposed  
Start Date: 10/01/2015

|                 |      |                      |                     |    |  |         |                        |                      |               |
|-----------------|------|----------------------|---------------------|----|--|---------|------------------------|----------------------|---------------|
| 539 73126539-FH | 15.9 | 6112 - Lowland Aspen | Medium Density Pole | 49 |  | Harvest | Clearcut with Reserves | 6112 - Lowland Aspen | Fld. Tr. Bdy. |
|-----------------|------|----------------------|---------------------|----|--|---------|------------------------|----------------------|---------------|

Prescription Final harvest. Use dry/frozen spec., NON-NEGOTIABLE. Leave the trace of non-aspen in stand and exclude wettest area at northwest edge of  
Specs: stand from sale boundary as retention.

Other This stand may not regenerate if harvested during growing season. 65% of stand is too wet to plant with current technology. 30-40% upland.  
Comments:

Next  
Steps:

Proposed  
Start Date: 10/01/2011



| Stand  | Treatment Name | Acres | CoverType    | Size Density        | Stand Age | BA Range | Treatment Type | Treatment Method       | Cover Type Objective | Approval Status       |
|--|----------------|-------|--------------|---------------------|-----------|----------|----------------|------------------------|----------------------|-----------------------|
| 542  | 73126542-FH    | 9.7   | 4130 - Aspen | Medium Density Pole | 49        |          | Harvest        | Clearcut with Reserves | 6112 - Lowland Aspen | Fld. Tr. Bdy.         |
| <p><u>Prescription:</u> Final harvest during DRY/FROZEN/DORMANT conditons due to wet ground at south end. Do not cut oak of any size (sparse regeneration):</p> <p><u>Specs:</u> leave as retention using spec. North end forms side of ridge below road and is operable. Exlude wettest area (with tag alder) at south end from sale. This area and residual oak will serve as retention.</p> <p><u>Other Comments:</u> Road from current parking adjacent to Demura Rd. will be used for harvest in this stand and stand 39, as well as tree planting in stand 41, so road should be left open until after both are completed. Close logging road behind parking lot when timber sale and planting are complete.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2011</p> |                |       |              |                     |           |          |                |                        |                      |                       |
| 551  | 73126551-FH    | 24.7  | 4130 - Aspen | Medium Density Log  | 84        |          | Harvest        | Clearcut with Reserves | 4130 - Aspen         | Fld. Tr. Bdy.         |
| <p><u>Prescription:</u> Final harvest. This stand is operable portion of much larger E and P type. It was agreed at compartment review to wave retention because the</p> <p><u>Specs:</u> stand has low vigor (SI) and because the average size of the three sub-stands is 8 acres (studies demonstrate that aspen does not regenerate as well in small openings).</p> <p><u>Other Comments:</u> Put landing at far east end on road into stand 85. Will have to cross wet areas to get to two of three polygons in this multi-poly stand.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2011</p>   |                |       |              |                     |           |          |                |                        |                      |                       |
| 559  | 73126559-Cut   | 7.0   | 4130 - Aspen | Medium Density Pole | 49        |          | Harvest        | Clearcut with Reserves | 413 - Aspen          | Cmpt. Review Proposal |
| <p><u>Prescription:</u> Harvest as a clearcut with reserves along with stand 406.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Southern edges of the stand are wet and rutting could be a problem.</p> <p><u>Next Steps:</u> The stand is expected to regenerate natrually to aspen mixed with hardwoods.</p> <p><u>Proposed Start Date:</u> 10/01/2015</p>  |                |       |              |                     |           |          |                |                        |                      |                       |
| 579  | 73126579-FH    | 19.8  | 4130 - Aspen | High Density Pole   | 49        |          | Harvest        | Clearcut with Reserves | 4130 - Aspen         | Fld. Tr. Bdy.         |
| <p><u>Prescription:</u> Final harvest. Leave all oak by spec for retention.</p> <p><u>Specs:</u></p> <p><u>Other Comments:</u> Access off Ward Road. Close road after sale, and scatter slash.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2011</p>   |                |       |              |                     |           |          |                |                        |                      |                       |



| Stand | Treatment Name | Acres | CoverType    | Size Density      | Stand Age | BA Range | Treatment Type | Treatment Method       | Cover Type Objective | Approval Status |
|-------|----------------|-------|--------------|-------------------|-----------|----------|----------------|------------------------|----------------------|-----------------|
| 582   | 73126582-FH    | 66.5  | 4130 - Aspen | High Density Pole | 49        | 51-80    | Harvest        | Clearcut with Reserves | 4130 - Aspen         | Fld. Tr. Bdy.   |

Prescription: Final harvest: exclude very wet portions of stand at far west near maintained wildlife opening (stand 70), stand 63, and along southeast edge from sale unit, in order of priority, for retention. Leave all oak, birch, cedar and cherry by spec for retention as well.

Specs:

Other Comments: Use two-track off ward road going along west edge of stand 102 (crosses pipeline into st. 104 and re-crosses into stand 85), or alternately use same access roads as for stand 51. Will have to armor 3 drainages running east-west through stand. Limit crossings of these drainages to 1 or 2 per drainage. Notify pipeline authority in writing of pending sale operations that will cross pipeline.

Next Steps:

Proposed Start Date: 10/01/2011

|     |              |      |              |                   |    |  |         |                        |             |                       |
|-----|--------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|
| 608 | 73126608-Cut | 88.5 | 4130 - Aspen | High Density Pole | 42 |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|-----|--------------|------|--------------|-------------------|----|--|---------|------------------------|-------------|-----------------------|

Prescription: Harvest the stand as a clearcut with reserver. The retention could be in patches and not exceed 5%.

Specs:

Other Comments:

Next Steps: The stand is expected to regenerate to aspen with some other hardwood species.

Proposed Start Date: 10/01/2015

|     |             |     |                               |                 |    |  |         |                        |                               |               |
|-----|-------------|-----|-------------------------------|-----------------|----|--|---------|------------------------|-------------------------------|---------------|
| 616 | 73126616-FH | 4.4 | 4139 - Aspen, Mixed Deciduous | Low Density Log | 81 |  | Harvest | Clearcut with Reserves | 4139 - Aspen, Mixed Deciduous | Fld. Tr. Bdy. |
|-----|-------------|-----|-------------------------------|-----------------|----|--|---------|------------------------|-------------------------------|---------------|

Prescription: Final harvest. Reserve all red maple poles/logs, and all oak, white pine and birch including saplings (about 5% cover) as retention by basal area. There may be a few small, shallow, mossy depressions that could be excluded from sale boundary as retention by area also.

Specs:

Other Comments: Large, old aspen with some vigor left, large maple, and newer regen of varying age. Best access from well pad road to west and northwest. Also access via two-track to southeast coming off Ward Rd. (has some wet areas).

Next Steps:

Proposed Start Date: 10/01/2011

|     |                 |     |                                    |  |  |  |         |                        |             |                       |
|-----|-----------------|-----|------------------------------------|--|--|--|---------|------------------------|-------------|-----------------------|
| 153 | NF_73126153-Cut | 3.2 | 3301 - Low Density Deciduous Trees |  |  |  | Harvest | Clearcut with Reserves | 413 - Aspen | Cmpt. Review Proposal |
|-----|-----------------|-----|------------------------------------|--|--|--|---------|------------------------|-------------|-----------------------|

Prescription: Harvest through the stand when stand 145 is harvested.

Specs:

Other Comments: The goal of the harvest is to expand the aspen from the surrounding stands and possibly get a clone or two from the existing trees.

Next Steps: The stand is expected to regenerate to poorly stocked aspen mixed hardwoods.

Proposed Start Date: 10/01/2015



| S<br>t<br>a<br>n<br>d   | Treatment<br>Name      | Acres | CoverType                              | Size<br>Density           | Stand<br>Age | BA<br>Range | Treatment<br>Type        | Treatment<br>Method | Cover Type<br>Objective                          | Approval<br>Status            |
|---|------------------------|-------|--|---------------------------|--------------|-------------|--------------------------|---------------------|--|-------------------------------|
| 155   | NF_73126155-<br>Cut    | 10.4  | 3301 - Low Density<br>Deciduous Trees  |                           |              |             | Harvest                  | Clearcut            | 413 - Aspen                                      | Cmpt. Review<br>Proposal      |
| <u>Prescription</u> Harvest through the stand when stand 161 and 145 are cut.   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Specs:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Other</u> The goal of the harvest is to expand the aspen from the surrounding stands and possibly get a clone or two from the existing trees.                          |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Comments:</u>  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Next</u> The stand is expected to regenerate to a poorly stocked aspen mixed hardwoods.  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Steps:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Proposed</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Start Date:</u> 10/01/2015   |                        |       |  |                           |              |             |                          |                     |  |                               |
| 164   | NF_73126164-<br>Cut    | 4.2   | 3301 - Low Density<br>Deciduous Trees  |                           |              |             | Harvest                  | Clearcut            | 413 - Aspen                                      | Cmpt. Review<br>Proposal      |
| <u>Prescription</u> Harvest through the stand when stands 151 and 161 are cut.  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Specs:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Other</u> The goal of the harvest is to expand the aspen from the surrounding stands and possibly get a clone or two from the existing trees.                          |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Comments:</u>  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Next</u> The stand is expected to regenerate to a poorly stocked aspen mixed hardwoods.  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Steps:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Proposed</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Start Date:</u> 10/01/2015   |                        |       |  |                           |              |             |                          |                     |  |                               |
| 541   | 73126541-<br>Plant     | 4.5   | 4199 - Other Mixed<br>Upland Deciduous | Low<br>Density<br>Sapling | 49           |             | Tree Planting            | Hand Plant          | 42121 - Planted<br>Jack Pine, Mixed<br>Deciduous | Fld. Tr. Bdy. -<br>Incomplete |
| <u>Prescription</u> Plant Jack pine. Red pine could be an alternate species. For access leave new road into adjacent stand 39 opened after timber sale. Plant after sale. |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Specs:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Other</u> Currently barely forested with pin cherry and oak, with bracken, sedge, grass and sweet fern ground cover.   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Comments:</u>  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Next</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Steps:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Proposed</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Start Date:</u> 10/01/2011   |                        |       |  |                           |              |             |                          |                     |  |                               |
| 366   | NF_73126366-<br>Burn   | 39.8  | 3105 - Mixed<br>Upland Herbaceous      |                           |              |             | Prescribed Burn          | Unspecified         | 3204 - Mast<br>Producing Shrub                   | Cmpt. Review<br>Proposal      |
| <u>Prescription</u> Burn site to stimulate the production of soft mast species. This area was rotationally burned. The last one was in 2000-2001                          |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Specs:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Other</u>  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Comments:</u>  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Next</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Steps:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Proposed</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Start Date:</u> 10/01/2014   |                        |       |  |                           |              |             |                          |                     |  |                               |
| 407   | NF_73126407-<br>NonFor | 6.8   | 310 - Herbaceous<br>Openland           |                           |              |             | Non-Forest<br>Management | Mowing              | 3102 - Grass                                     | Cmpt. Review<br>Proposal      |
| <u>Prescription</u> The stand is scheduled for regular open maintenance and planting.   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Specs:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Other</u>  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Comments:</u>  |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Next</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Steps:</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Proposed</u>   |                        |       |  |                           |              |             |                          |                     |  |                               |
| <u>Start Date:</u> Unspecified  |                        |       |  |                           |              |             |                          |                     |  |                               |



| S<br>t<br>a<br>n<br>d | Treatment Name | Acres | CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Approval Status |
|-----------------------|----------------|-------|-----------|--------------|-----------|----------|----------------|------------------|----------------------|-----------------|
|                       |                |       |           |              |           |          |                |                  |                      |                 |

|     |                     |     |                     |  |  |  |                       |                 |              |                            |
|-----|---------------------|-----|---------------------|--|--|--|-----------------------|-----------------|--------------|----------------------------|
| 556 | NF_73126556-Opening | 3.4 | 2113 - Forage Crops |  |  |  | Non-Forest Management | Other - Specify | 3102 - Grass | Fld. Tr. Bdy. - Incomplete |
|-----|---------------------|-----|---------------------|--|--|--|-----------------------|-----------------|--------------|----------------------------|

Prescription Stand to be maintained as a wildlife opening by WLD. treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime or herbicide, and mowing.

Other Comments:

Next Steps:

Proposed Start Date: Unspecified

|     |                     |     |                   |  |  |  |                       |                 |              |                            |
|-----|---------------------|-----|-------------------|--|--|--|-----------------------|-----------------|--------------|----------------------------|
| 570 | NF_73126570-Opening | 1.1 | 3103 - Rubus-Fern |  |  |  | Non-Forest Management | Other - Specify | 3102 - Grass | Fld. Tr. Bdy. - Incomplete |
|-----|---------------------|-----|-------------------|--|--|--|-----------------------|-----------------|--------------|----------------------------|

Prescription Stand to be maintained as a wildlife opening by WLD. treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime or herbicide, and mowing.

Other Comments:

Next Steps:

Proposed Start Date: Unspecified

|     |                     |     |                     |  |  |  |                       |                 |              |                            |
|-----|---------------------|-----|---------------------|--|--|--|-----------------------|-----------------|--------------|----------------------------|
| 613 | NF_73126613-Opening | 2.2 | 2113 - Forage Crops |  |  |  | Non-Forest Management | Other - Specify | 3102 - Grass | Fld. Tr. Bdy. - Incomplete |
|-----|---------------------|-----|---------------------|--|--|--|-----------------------|-----------------|--------------|----------------------------|

Prescription Stand to be maintained as a wildlife opening by WLD. treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime or herbicide, and mowing.

Other Comments:

Next Steps:

Proposed Start Date: Unspecified

**Total Treatment Acreage Proposed: 1267.2**

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| Treatment Name  | Acres | CoverType         | Size Density        | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective       | Approval Status       |
|-----------------|-------|-------------------|---------------------|-----------|----------|----------------|------------------|----------------------------|-----------------------|
| 87 73126087-Cut | 9.0   | 4131 - Aspen, Oak | Medium Density Pole | 45        |          | Harvest        | Shelterwood      | 4319 - Mixed Upland Forest | Cmpt. Review Proposal |

Prescription Harvest the stand by cutting all the aspen and red maple then marking the remaining trees with orange down to 40 BA.  
Specs:

Other Comment: Treatment will be accessed from the south. A wet area needs to be crossed using some mats.

Next Steps: The stand is expected to regenerate in to a mixed stand of aspen, maple, oak, and pine.

Proposed Start Date: 10/01/2015

Limiting Factor 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)

|                 |     |                          |                   |    |         |         |                     |                         |                       |
|-----------------|-----|--------------------------|-------------------|----|---------|---------|---------------------|-------------------------|-----------------------|
| 94 73126094-Cut | 4.3 | 42110 - Planted Red Pine | High Density Pole | 51 | 171-200 | Harvest | Systematic Thinning | 4211 - Planted Red Pine | Cmpt. Review Proposal |
|-----------------|-----|--------------------------|-------------------|----|---------|---------|---------------------|-------------------------|-----------------------|

Prescription Harvest the stand as a thinning making every thrid row to take with yellow and marking with orange in the remaining two rows  
Specs:

Other Comment: Access to the stand is across the drainage.

Next Steps:

Proposed Start Date: 10/01/2015

Limiting Factor 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)

|                           |      |                   |  |  |  |               |               |                           |                            |
|---------------------------|------|-------------------|--|--|--|---------------|---------------|---------------------------|----------------------------|
| 529 NF_73126529<br>_Plant | 12.1 | 3103 - Rubus-Fern |  |  |  | Tree Planting | Machine Plant | 42120 - Planted Jack Pine | Fld. Tr. Bdy. - Incomplete |
|---------------------------|------|-------------------|--|--|--|---------------|---------------|---------------------------|----------------------------|

Prescription Trench and plant jack pine.  
Specs:

Other Comment: Plant if there is a period in which wet spots in access road are passible with skidder.

Next Steps:

Proposed Start Date: Unspecified

Limiting Factor 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)

|                       |       |                   |                     |    |  |                 |             |                             |                       |
|-----------------------|-------|-------------------|---------------------|----|--|-----------------|-------------|-----------------------------|-----------------------|
| 305 73126305-<br>Burn | 183.3 | 4131 - Aspen, Oak | Low Density Sapling | 12 |  | Prescribed Burn | Unspecified | 3204 - Mast Producing Shrub | Cmpt. Review Proposal |
|-----------------------|-------|-------------------|---------------------|----|--|-----------------|-------------|-----------------------------|-----------------------|

Prescription The stand is part of a rotational burn that was last burned in 1999.  
Specs:

Other Comment:

Next Steps:

Proposed Start Date: 10/01/2015

Limiting Factor 2G: Too wet (sensitive soils, does not include access issues)

**Total Treatment  
Acreage Proposed: 208.6**

## Report 5 – Site Conditions

Gladwin Mgt. Unit  
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Compartment 126  
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### Availability for Management

| Total<br>Acres | Acres<br>Available | Acres<br>Not Available |                             | Dominant Site Conditions |     |    |    |    |       |    |    |    |    |
|----------------|--------------------|------------------------|-----------------------------|--------------------------|-----|----|----|----|-------|----|----|----|----|
|                |                    |                        |                             | No                       | 5C  | 3J | 3A | 2H | 2G    | 2F | 2C | 2B | 2A |
| 2347           | 2280               | 67                     | Aspen                       | 2,146                    | 106 |    |    | 17 |       | 12 |    | 27 | 37 |
| 17             |                    | 17                     | Cedar                       |                          |     |    |    |    | 17    |    |    |    |    |
| 74             | 60                 | 14                     | Jack Pine                   | 60                       |     |    |    | 5  | 10    |    |    |    |    |
| 357            | 234                | 123                    | Lowland Aspen/Balsam Poplar | 185                      | 50  |    |    |    | 117   |    |    |    | 6  |
| 33             | 33                 |                        | Lowland Conifers            | 33                       |     |    |    |    |       |    |    |    |    |
| 1686           | 662                | 1024                   | Lowland Deciduous           | 648                      | 9   | 27 |    | 49 | 920   |    |    | 5  | 29 |
| 53             | 41                 | 12                     | Lowland Mixed Forest        | 41                       |     |    |    |    | 5     | 7  |    |    |    |
| 248            | 241                | 7                      | Mixed Upland Deciduous      | 241                      |     |    |    | 7  |       |    |    |    |    |
| 3              | 3                  |                        | Natural Mixed Pines         | 3                        |     |    |    |    |       |    |    |    |    |
| 117            | 117                |                        | Northern Hardwood           | 117                      |     |    |    |    |       |    |    |    |    |
| 394            | 336                | 59                     | Oak                         | 336                      |     |    |    | 17 | 41    |    |    |    |    |
| 9              | 9                  |                        | Paper Birch                 |                          | 9   |    |    |    |       |    |    |    |    |
| 99             | 91                 | 8                      | Red Pine                    | 90                       |     |    | 6  | 2  |       |    | 1  |    |    |
| 72             | 23                 | 48                     | Tamarack                    | 23                       |     |    |    | 2  | 47    |    |    |    |    |
| 20             | 20                 |                        | Upland Mixed Forest         | 20                       |     |    |    |    |       |    |    |    |    |
| 23             | 23                 |                        | White Pine                  | 23                       |     |    |    |    |       |    |    |    |    |
| 5,552          | 4,172              | 1,380                  | Total Forested Acres        | 3,966                    | 173 | 27 | 6  | 99 | 1,157 | 19 | 1  | 32 | 72 |
|                | 75%                | 25%                    | Relative Percent            |                          |     |    |    |    |       |    |    |    |    |

*\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

| Site No.         | Dominant Site Cond Availability | Dominant Site Condition  | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|------------------|---------------------------------|--|-------|----------------------|----------------------|----------------------|----------------------|
| 003              | Not Available                   | 2A: Adjacent landowner denied access                                   | 80    |                      |                      |                      |                      |
| <b>Comments:</b> |                                 |  |       |                      |                      |                      |                      |
| 004              | Not Available                   | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 5     |                      |                      |                      |                      |
| <b>Comments:</b> |                                 |  |       |                      |                      |                      |                      |

## Report 5 – Site Conditions

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|                  |               |  |    |                                      |
|------------------|---------------|--|----|--------------------------------------|
| 005              | Not Available | 3A: Potential old growth / biodiversity                                | 7  |                                      |
| <b>Comments:</b> |               |  |    |                                      |
| 006              | Not Available | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 7  | 2A: Adjacent landowner denied access |
| <b>Comments:</b> |               |  |    |                                      |
| 007              | Not Available | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 14 | 2A: Adjacent landowner denied access |
| <b>Comments:</b> |               |  |    |                                      |
| 009              | Not Available | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 7  |                                      |
| <b>Comments:</b> |               |  |    |                                      |
| 010              | Not Available | 2G: Too wet (sensitive soils, does not include access issues)          | 6  |                                      |
| <b>Comments:</b> |               |  |    |                                      |
| 011              | Not Available | 2G: Too wet (sensitive soils, does not include access issues)          | 54 |                                      |
| <b>Comments:</b> |               |  |    |                                      |

## Report 5 – Site Conditions

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|                  |                      |   |    |
|------------------|----------------------|---|----|
| 012              | <b>Not Available</b> | <b>2G: Too wet (sensitive soils, does not include access issues)</b>          | 9  |
| <b>Comments:</b> |                      |   |    |
| 013              | <b>Not Available</b> | <b>2G: Too wet (sensitive soils, does not include access issues)</b>          | 21 |
| <b>Comments:</b> |                      |   |    |
| 014              | <b>Not Available</b> | <b>2G: Too wet (sensitive soils, does not include access issues)</b>          | 71 |
| <b>Comments:</b> |                      |   |    |
| 015              | <b>Not Available</b> | <b>2G: Too wet (sensitive soils, does not include access issues)</b>          | 6  |
| <b>Comments:</b> |                      |   |    |
| 016              | <b>Not Available</b> | <b>2G: Too wet (sensitive soils, does not include access issues)</b>          | 14 |
| <b>Comments:</b> |                      |   |    |
| 017              | <b>Not Available</b> | <b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b> | 9  |
| <b>Comments:</b> |                      |   |    |

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|           |               |   |     |  |
|-----------|---------------|---|-----|--|
| 018       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 70  |  |
| Comments: |               |   |     |  |
| 019       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 25  |  |
| Comments: |               |   |     |  |
| 020       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 5   |  |
| Comments: |               |   |     |  |
| 021       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 188 |  |
| Comments: |               |   |     |  |
| 022       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 13  |  |
| Comments: |               |   |     |  |
| 023       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 5   |  |
| Comments: |               |   |     |  |

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|           |               |  |    |
|-----------|---------------|--|----|
| 024       | Not Available | 3J: Water quality / BMPs<br>(stream, river, or lake)                         | 27 |
| Comments: |               |  |    |
| 025       | Not Available | 2G: Too wet (sensitive<br>soils, does not include<br>access issues)          | 32 |
| Comments: |               |  |    |
| 026       | Not Available | 2H: Blocked by physical<br>obstacle (e.g. upland<br>stand in a lowland area) | 2  |
| Comments: |               |  |    |
| 027       | Not Available | 2G: Too wet (sensitive<br>soils, does not include<br>access issues)          | 7  |
| Comments: |               |  |    |
| 028       | Not Available | 2G: Too wet (sensitive<br>soils, does not include<br>access issues)          | 5  |
| Comments: |               |  |    |
| 029       | Not Available | 2G: Too wet (sensitive<br>soils, does not include<br>access issues)          | 27 |
| Comments: |               |  |    |

## Report 5 – Site Conditions

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|                  |                      |   |   |  |
|------------------|----------------------|---|---|--|
| 030              | <b>Not Available</b> | <b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b> | 9 | [REDACTED]   |
| <b>Comments:</b> |                      |   |   |  |
| 031              | <b>Not Available</b> | <b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b> | 2 | [REDACTED]   |
| <b>Comments:</b> |                      |   |   |  |
| 032              | <b>Not Available</b> | <b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b> | 4 | [REDACTED]   |
| <b>Comments:</b> |                      |   |   |  |
| 033              | <b>Not Available</b> | <b>2F: Too steep</b>  | 7 | 3J: Water quality / BMPs (stream, river, or lake) [REDACTED] |
| <b>Comments:</b> |                      |   |   |  |
| 034              | <b>Not Available</b> | <b>2G: Too wet (sensitive soils, does not include access issues)</b>          | 3 | [REDACTED]   |
| <b>Comments:</b> |                      |   |   |  |
| 035              | <b>Not Available</b> | <b>2G: Too wet (sensitive soils, does not include access issues)</b>          | 3 | [REDACTED]   |
| <b>Comments:</b> |                      |   |   |  |

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|           |               |   |    |
|-----------|---------------|---|----|
| 036       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 5  |
| Comments: |               |   |    |
| 037       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 7  |
| Comments: |               |   |    |
| 038       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 7  |
| Comments: |               |   |    |
| 039       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 2  |
| Comments: |               |   |    |
| 040       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 13 |
| Comments: |               |   |    |
| 041       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 16 |
| Comments: |               |   |    |

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|           |               |  |    |  |
|-----------|---------------|--|----|--|
| 042       | Not Available | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)       | 9  |  |
| Comments: |               |  |    |  |
| 043       | Not Available | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)       | 3  |  |
| Comments: |               |  |    |  |
| 044       | Available     | 5C: Delay treatment for age/size class diversity or exceptional site quality | 9  |  |
| Comments: |               |  |    |  |
| 045       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                | 5  |  |
| Comments: |               |  |    |  |
| 046       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                | 5  |  |
| Comments: |               |  |    |  |
| 047       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                | 21 |  |
| Comments: |               |  |    |  |

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|           |               |   |    |  |
|-----------|---------------|---|----|--|
| 048       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 7  |  |
| Comments: |               |   |    |  |
| 049       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 27 | 5C: Delay treatment for age/size class diversity or exceptional site quality |
| Comments: |               |   |    |  |
| 050       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 9  |  |
| Comments: |               |   |    |  |
| 051       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 45 |  |
| Comments: |               |   |    |  |
| 052       | Not Available | 2G: Too wet (sensitive soils, does not include access issues) | 6  |  |
| Comments: |               |   |    |  |

**Report 5 – Site Conditions**

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|           |               |  |     |
|-----------|---------------|--|-----|
| 053       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                | 262 |
| Comments: |               |  |     |
| 054       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                | 9   |
| Comments: |               |  |     |
| 055       | Available     | 5C: Delay treatment for age/size class diversity or exceptional site quality | 26  |
| Comments: |               |  |     |
| 056       | Available     | 5C: Delay treatment for age/size class diversity or exceptional site quality | 24  |
| Comments: |               |  |     |
| 057       | Available     | 5C: Delay treatment for age/size class diversity or exceptional site quality | 76  |
| Comments: |               |  |     |
| 058       | Available     | 5C: Delay treatment for age/size class diversity or exceptional site quality | 19  |
| Comments: |               |  |     |

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|           |               |  |    |  |
|-----------|---------------|--|----|--|
| 059       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                | 13 |  |
| Comments: |               |  |    |  |
| 060       | Available     | 5C: Delay treatment for age/size class diversity or exceptional site quality | 11 |  |
| Comments: |               |  |    |  |
| 061       | Available     | 5C: Delay treatment for age/size class diversity or exceptional site quality | 9  |  |
| Comments: |               |  |    |  |
| 062       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                | 18 |  |
| Comments: |               |  |    |  |
| 502       | Not Available | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)       | 12 |  |
| Comments: |               |  |    |  |

**Report 5 – Site Conditions**

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|           |               |  |    |  |
|-----------|---------------|--|----|--|
| 504       | Available     | 2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate) | 1  |  |
| Comments: |               |  |    |  |
| 505       | Not Available | 2A: Adjacent landowner denied access   | 6  |  |
| Comments: |               |  |    |  |
| 506       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                    | 34 |  |
| Comments: |               |  |    |  |
| 507       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                    | 41 |  |
| Comments: |               |  |    |  |
| 508       | Not Available | 2F: Too steep  | 12 |  |
| Comments: |               |  |    |  |
| 509       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)                    | 6  |  |
| Comments: |               |  |    |  |

**Report 5 – Site Conditions**

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|           |               |  |    |
|-----------|---------------|--|----|
| 510       | Not Available | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 39 |
| Comments: |               |  |    |
| 511       | Not Available | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 68 |
| Comments: |               |  |    |
| 512       | Available     | 2B: Unknown if access through adjacent landowner(s) is possible        | 60 |
| Comments: |               |  |    |
| 513       | Available     | 2B: Unknown if access through adjacent landowner(s) is possible        | 57 |
| Comments: |               |  |    |
| 514       | Not Available | 2A: Adjacent landowner denied access                                   | 32 |
| Comments: |               |  |    |
| 518       | Not Available | 2G: Too wet (sensitive soils, does not include access issues)          | 3  |
| Comments: |               |  |    |

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|                  |                      |  |    |
|------------------|----------------------|--|----|
| 519              | <b>Not Available</b> | 2G: Too wet (sensitive soils, does not include access issues)          | 10 |
| <b>Comments:</b> |                      |  |    |
| 520              | <b>Not Available</b> | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 4  |
| <b>Comments:</b> |                      |  |    |
| 521              | <b>Not Available</b> | 2G: Too wet (sensitive soils, does not include access issues)          | 9  |
| <b>Comments:</b> |                      |  |    |
| 522              | <b>Not Available</b> | 2G: Too wet (sensitive soils, does not include access issues)          | 12 |
| <b>Comments:</b> |                      |  |    |
| 523              | <b>Not Available</b> | 2G: Too wet (sensitive soils, does not include access issues)          | 3  |
| <b>Comments:</b> |                      |  |    |
| 524              | <b>Not Available</b> | 2G: Too wet (sensitive soils, does not include access issues)          | 8  |
| <b>Comments:</b> |                      |  |    |



### Report 6 – PROPOSED SPECIAL CONSERVATION AREA\* (SCA) DETAILS

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

| SCA Name        | SCA Category | Detail Type | Recommendation | Acres |
|-----------------|--------------|-------------|----------------|-------|
| <b>Comments</b> |              |             |                |       |



### Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

| Conservation Area | Type                       | Description   |
|-------------------|----------------------------|---|
| HCVA              | Dedicated Management Areas | Such areas are dedicated by the DNR Director for specific management uses through the promulgation of rules, as governed by Part 5, Department of Natural Resources, of the NREPA (MCL 324.502(2) and 324.504). Section 38 of the Administrative Procedures Act (MCL 24.238) provides for public requests for the promulgation of rules. This is an active program, with one proposed site currently under review by the DNR. |

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## Gladwin Mgt. Unit

## Report 8 – Forested Stands

Compartment: 126  
Year of Entry: 2016

| Stand | Level 4 Cover Type                    | Size Density         | Acres | Stand Age | BA Range | General Comments:   |
|-------|---------------------------------------|----------------------|-------|-----------|----------|---|
| 1     | 6112 - Lowland Aspen                  | High Density Sapling | 5.8   | 4         |          | Small creek runs through stand.   |
| 2     | 4130 - Aspen                          | Medium Density Pole  | 6.6   | 51        |          | The terrain is hummocky. There is a drainage along the north edge.  |
| 3     | 4130 - Aspen                          | Medium Density       | 4.8   | 4         |          |   |
| 4     | 4130 - Aspen                          | Medium Density       | 10.6  | 4         |          | Stand has 30% lowlands and was clearcut 2010. The regeneration is patchy  |
| 5     | 4311 - Pine, Aspen Mix                | Low Density Sapling  | 5.5   | 21        |          | Nearly 30% poles.   |
| 6     | 4132 - Aspen, Jack Pine               | Low Density Pole     | 3.7   | 21        |          | The stand is variable going from uplands to lowlands and from hardwood to conifers. The center 1/3 is bare sand.  |
| 7     | 6112 - Lowland Aspen                  | Low Density Pole     | 5.8   | 28        |          | Stand grades from uplands to lowlands. Stand is wetter west side may be too wet to manage   |
| 9     | 6112 - Lowland Aspen                  | High Density Pole    | 13.2  | 28        |          | the stand is very wet.  |
| 10    | 6127 - Lowland Pine                   | Low Density Log      | 13.3  | 60        | 111-140  | Stand has leather leaf ground cover. It was thinned last YOY.   |
| 11    | 6112 - Lowland Aspen                  | Medium Density       | 38.1  | 22        |          |   |
| 13    | 42200 - Natural White Pine            | High Density Sapling | 17.6  | 4         |          | The stand is a pocket of jack and white pine.   |
| 14    | 6127 - Lowland Pine                   | Medium Density Pole  | 14.0  | 62        | 51-80    | The stand is 65% lowlands.  |
| 17    | 6126 - Lowland Jack Pine              | Medium Density Log   | 22.1  | 53        | 81-110   | The stand is wetter and has areas of leather leaf.  |
| 18    | 6112 - Lowland Aspen                  | Medium Density       | 4.6   | 14        |          | The stand is similar to pre-inventory stand 19 but it is lowlands   |
| 19    | 42260 - Natural Pine, Mixed Deciduous | High Density Pole    | 3.3   | 56        |          | The stand is a pocket of jack and white pine.   |
| 20    | 4140 - Other Upland Deciduous         | Medium Density Pole  | 8.6   | 59        |          | The north end is a little wet and heavy to ash and aspen. The south 2/3 is fairly sparse and is a mix of aspen, red oak, and red maple. There are several grassy opening in the stand but there are not large and they are filling in with oak. The aspen in the stand is overmature and has low vigor let it die and let the stand convert to oak. |



| Stand | Level 4 Cover Type                         | Size Density         | Acres | Stand Age | BA Range | General Comments:  |
|-------|--|----------------------|-------|-----------|----------|--|
| 21    | 4130 - Aspen                               | High Density Sapling | 31.6  | 14        |          | Good two-track along ridge. The regeneration is coming in good   |
| 23    | 6119 - Mixed Lowland Deciduous Forest      | High Density Pole    | 8.3   | 79        | 51-80    | The stand is landlocked. The soils are muddy even in August  |
| 24    | 6119 - Mixed Lowland Deciduous Forest      | High Density Pole    | 5.3   | 74        | 81-110   | The stand is a matrix of uplands and lowlands with the lowlands being the majority. Parcel is land locked                    |
| 27    | 4130 - Aspen                               | Medium Density       | 28.0  | 13        |          | The stand has some rose indicating a more mesic site.  |
| 32    | 4130 - Aspen                               | Medium Density       | 32.7  | 4         |          | The regeneration is coming in good.  |
| 33    | 4131 - Aspen, Oak                          | Medium Density Pole  | 12.0  | 50        | 51-80    | Parcel is landlocked.  |
| 34    | 6113 - Lowland Maple                       | High Density Pole    | 6.2   | 55        | 51-80    |  |
| 36    | 4130 - Aspen                               | High Density Sapling | 23.5  | 13        |          | Overall the regeneration is good. However, there are inclusion of open ground.   |
| 37    | 4191 - Mixed Upland Deciduous with Conifer | High Density Pole    | 6.8   | 72        | 51-80    | The stand has some gaps. It is land locked by private land and Wells Creek   |
| 41    | 4130 - Aspen                               | High Density Pole    | 25.3  | 22        |          | Overall the stand is well stocked. There are some inclusion of lowland types in the drainages in the stand.                  |
| 46    | 4131 - Aspen, Oak                          | High Density Pole    | 15.0  | 78        |          | Stand is land locked by private.   |
| 48    | 4130 - Aspen                               | High Density Pole    | 10.2  | 50        |          | the stand is landlocked and the terrain is hummocky.   |
| 49    | 4130 - Aspen                               | Medium Density Pole  | 13.6  | 38        |          | The stand is next to a harvested stand that does not meet green up yet.  |
| 51    | 6113 - Lowland Maple                       | High Density Log     | 26.5  | 83        | 81-110   | The stand is operable with 20-30% of the stand being uplands. The terrain is hummocky.                                       |
| 52    | 6112 - Lowland Aspen                       | High Density Pole    | 13.3  | 28        |          |  |
| 53    | 6113 - Lowland Maple                       | High Density Pole    | 6.8   | 78        | 111-140  | The stand is fairly wet but looks to dry out in late summer. This stand could be selectively harvested but it is landlocked. |
| 55    | 4125 - Black, N. Pin Oak                   | Low Density Log      | 5.3   | 58        | 51-80    | North end of the stand has more oak log trees. There is an east-west drain in the stand. The soils are about 60% uplands.    |



|    | Level 4<br>Cover Type                            | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:   |
|----|--|-------------------------|-------|--------------|-------------|--|
| 56 | 6114 - Lowland Oak                               | Low Density<br>Sapling  | 10.8  | 12           |             | The stand is a swale that was cut and did not regenerate well.           |
| 57 | 4130 - Aspen                                     | High Density<br>Sapling | 6.4   | 12           |             |  |
| 59 | 4130 - Aspen                                     | High Density<br>Sapling | 20.7  | 12           |             | The stand is regenerating well and has good form.                        |
| 62 | 6119 - Mixed Lowland<br>Deciduous Forest         | High Density<br>Pole    | 51.1  | 45           | 81-110      |  |
| 64 | 4199 - Other Mixed<br>Upland Deciduous           | Medium<br>Density Pole  | 19.7  | 45           | 51-80       | The stand is not one of the richer sites.                                |
| 65 | 6113 - Lowland Maple                             | Medium<br>Density Pole  | 4.7   | 87           | 51-80       | The aspen is declining and the stand is quite wet.                       |
| 66 | 6119 - Mixed Lowland<br>Deciduous Forest         | High Density<br>Pole    | 4.7   | 39           | 81-110      | The stand has a small drainage through it.                               |
| 67 | 6112 - Lowland Aspen                             | High Density<br>Log     | 3.5   | 59           |             | the stand is fairly wet.   |
| 68 | 4133 - Aspen, Mixed<br>Pine                      | Medium<br>Density Pole  | 7.1   | 38           | 51-80       |  |
| 69 | 4125 - Black, N. Pin Oak                         | High Density<br>Log     | 13.9  | 58           | 51-80       | The stand is landlocked by private land and Wells Creek.                 |
| 70 | 4130 - Aspen                                     | Low Density<br>Sapling  | 24.8  | 16           |             | The stand is about 30% lowlands  |
| 71 | 6117 - Lowland<br>Deciduous, Mixed<br>Coniferous | Medium<br>Density Pole  | 5.0   | 120          |             | The stand is too wet to harvest.   |
| 72 | 4130 - Aspen                                     | High Density<br>Sapling | 15.1  | 4            |             | The stand is regenerating well. It has some supercanopy oak and pine.    |
| 73 | 6113 - Lowland Maple                             | High Density<br>Pole    | 25.2  | 87           | 81-110      |  |
| 74 | 4130 - Aspen                                     | High Density<br>Pole    | 11.0  | 45           |             | The site is not an aspen site so manage the stand to favor oak and pine. |
| 76 | 4310 - Pine, Oak Mix                             | Medium<br>Density Pole  | 5.4   | 18           | 51-80       |  |
| 78 | 4130 - Aspen                                     | High Density<br>Sapling | 4.7   | 16           |             |  |
| 79 | 4130 - Aspen                                     | Medium<br>Density Pole  | 12.3  | 45           |             |  |



| Stand | Level 4 Cover Type              | Size Density        | Acres | Stand Age | BA Range | General Comments:  |
|-------|---------------------------------|---------------------|-------|-----------|----------|--|
| 80    | 4139 - Aspen, Mixed Deciduous   | Low Density Sapling | 47.9  | 1         |          | The stand was harvested during the winter of 2012/2013. The regeneration is coming in.   |
| 82    | 6113 - Lowland Maple            | High Density Pole   | 4.6   | 39        | 51-80    |  |
| 84    | 4131 - Aspen, Oak               | Medium Density Pole | 11.4  | 59        |          | The stand is hummocky. There are some low areas that could be a problem if harvested.  |
| 86    | 4133 - Aspen, Mixed Pine        | High Density Pole   | 10.8  | 45        |          |  |
| 87    | 4131 - Aspen, Oak               | Medium Density Pole | 4.8   | 45        |          | The tree are sparse with the ground cover of reindeer moss and sweet fern. Parcel is land locked   |
| 88    | 4130 - Aspen                    | Medium Density Pole | 5.0   | 45        |          | The stand has a cedar drain through the stand about 2/3 the way up and it runs east-west.  |
| 90    | 42210 - Natural Red Pine        | High Density Log    | 13.7  | 66        | 200+     | The stand is currently marked for 3rd row thinning. The sale came back to the state so now it still needs to be treated.   |
| 91    | 42110 - Planted Red Pine        | High Density Pole   | 16.6  | 57        | 111-140  | The stand had a 3 row thin and at the current time there is still space between crowns. Therefore it does not need to be thinned yet.  |
| 92    | 4131 - Aspen, Oak               | Medium Density      | 8.2   | 13        |          |  |
| 93    | 42200 - Natural White Pine      | Medium Density Pole | 5.8   | 45        | 51-80    |  |
| 94    | 42110 - Planted Red Pine        | High Density Pole   | 5.4   | 51        | 171-200  | The stand needs to be thinned  |
| 95    | 4130 - Aspen                    | Medium Density      | 2.2   | 11        |          | Small pocket of was that was cut when the surround red pine was thinned.   |
| 97    | 4131 - Aspen, Oak               | Low Density Pole    | 54.1  | 68        |          | Jack pine is the residual from last cut. the stand is not an aspen site. There are a few pockets of mature pines jack and red. Retain stand and let it convert naturally to oak. |
| 98    | 4126 - White, Black, N. Pin Oak | Low Density Log     | 23.2  | 45        | 1-50     | Portions of the stand are PvCd   |
| 99    | 6120 - Lowland Cedar            | High Density Pole   | 6.9   | 120       | 111-140  | There is significant tag alder in the center of the stand.   |
| 100   | 6113 - Lowland Maple            | High Density Pole   | 5.1   | 81        |          |  |
| 101   | 6113 - Lowland Maple            | High Density Log    | 12.5  | 67        | 51-80    | The stand has a major drainage through it so it is very wet. The pine in the stand is along I-75.  |



| Stand | Level 4 Cover Type                         | Size Density        | Acres | Stand Age | BA Range | General Comments:  |
|-------|--|---------------------|-------|-----------|----------|--|
| 102   | 6139 - Mixed Lowland Forest                | Medium Density Pole | 5.1   | 35        |          | The stand is very wet.   |
| 104   | 4199 - Other Mixed Upland Deciduous        | Low Density Log     | 30.1  | 68        | 1-50     |  |
| 105   | 4130 - Aspen                               | High Density Pole   | 22.7  | 45        |          |  |
| 106   | 4130 - Aspen                               | Medium Density Pole | 6.8   | 45        |          |  |
| 110   | 6117 - Lowland Deciduous, Mixed Coniferous | Medium Density Pole | 34.7  | 45        | 51-80    | This site is not an aspen site. The aspen that is in the stand has poor form. The soil are quite wet. let the site naturally convert to oak.   |
| 112   | 4191 - Mixed Upland Deciduous with Conifer | Medium Density Pole | 49.9  | 45        | 51-80    |  |
| 113   | 6121 - Tamarack                            | Medium Density Pole | 2.0   | 53        |          |  |
| 114   | 4130 - Aspen                               | High Density Pole   | 7.7   | 45        |          | The terrain is slightly hummocky. This is a candidate for early harvest.   |
| 115   | 6113 - Lowland Maple                       | Low Density Sapling | 19.3  | 20        |          | The stand is a mixture of fairly dense red maple/ash pocket intermixed with tag alder/willow. The stand is too wet to manage.  |
| 116   | 4130 - Aspen                               | High Density Pole   | 30.2  | 45        |          | Mixed aspen. Quaking aspen is in poor shape, big tooth is in much better shape. Stand was harvested with a D-7 in 1968. The current crown closure is 80%. The are inclusion of small grassy openings |
| 119   | 42110 - Planted Red Pine                   | High Density Pole   | 2.2   | 51        | 141-170  | The stand is land locked by I-75 and private   |
| 120   | 4130 - Aspen                               | Medium Density Pole | 8.4   | 45        |          | The stand has inclusion of low wet ground. In is somewhat hummocky. The trees will hold so wait a rotation.  |
| 121   | 6119 - Mixed Lowland Deciduous Forest      | Medium Density Log  | 25.5  | 74        | 51-80    | The stand has some inclusion of low wet ground but the stand overall is upland.  |
| 125   | 4132 - Aspen, Jack Pine                    | Low Density Sapling | 27.6  | 5         |          | The stand was havested in the winter of 2009/2001. It is starting to regenerate but it is patchy.  |
| 131   | 42210 - Natural Red Pine                   | High Density Log    | 22.6  | 57        | 200+     |  |
| 134   | 6113 - Lowland Maple                       | Low Density Pole    | 11.3  | 45        | 1-50     | The stand is a mixture of forested and non-forested.   |
| 136   | 4131 - Aspen, Oak                          | Medium Density      | 10.3  | 21        |          |  |



|     | Level 4<br>Cover Type                    | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:   |
|-----|--|-------------------------|-------|--------------|-------------|--|
| 138 | 6120 - Lowland Cedar                     | High Density<br>Pole    | 7.1   | 120          | 111-140     | There is a creek that flows through the stand. Along it the tree thin out and it is heavier to tag alder.  |
| 139 | 4131 - Aspen, Oak                        | Low Density<br>Pole     | 14.1  | 45           |             |  |
| 140 | 6121 - Tamarack                          | Medium<br>Density Pole  | 3.2   | 60           | 1-50        |  |
| 142 | 4130 - Aspen                             | Low Density<br>Pole     | 22.0  | 45           |             |  |
| 143 | 6119 - Mixed Lowland<br>Deciduous Forest | High Density<br>Sapling | 24.2  | 15           | 81-110      | The aspen is stunted and it is only poles. The water table is high however the stand looks like it could be managable. Currently there is a very thick under story of red maple. This should be left to replace the stand. Most of it is single stem and look healthy unlike the aspen. The terrain is hummocky and there are inclusion of lowland shrubs. |
| 144 | 4131 - Aspen, Oak                        | Medium<br>Density       | 12.7  | 24           |             |  |
| 145 | 4130 - Aspen                             | Medium<br>Density Pole  | 9.9   | 45           |             | Crown closure in the stand is closer to 50%. There are inclusion of wetter ground.   |
| 147 | 4125 - Black, N. Pin Oak                 | Medium<br>Density Pole  | 17.2  | 68           | 51-80       | Factor limit regeneration. Let the stand convert ot oak pine   |
| 148 | 6115 - Lowland Ash                       | High Density<br>Log     | 18.4  | 89           | 51-80       | the ash in the stand is being hit by EAB currently 20% infected. The stand has a drainage though it.   |
| 150 | 4125 - Black, N. Pin Oak                 | High Density<br>Log     | 32.0  | 87           | 51-80       |  |
| 151 | 4131 - Aspen, Oak                        | Medium<br>Density Log   | 6.5   | 53           |             |  |
| 154 | 6113 - Lowland Maple                     | High Density<br>Log     | 6.6   | 95           | 111-140     | The stand is wet and portions of the stand may be too wet to harvest. EAB is in the ash but it is currently fairly low.  |
| 156 | 6120 - Lowland Cedar                     | Low Density<br>Pole     | 3.2   | 120          | 111-140     |  |
| 157 | 4131 - Aspen, Oak                        | Low Density<br>Sapling  | 9.3   | 7            |             |  |
| 158 | 6139 - Mixed Lowland<br>Forest           | Medium<br>Density       | 6.8   | 25           | 1-50        | the stand has about 25% uplands.   |
| 161 | 4131 - Aspen, Oak                        | Low Density<br>Pole     | 21.7  | 53           | 1-50        | The stand has a fair amoung of oak and maple in the understory if nothing is done the stand will convert.  |



|     | Level 4<br>Cover Type                         | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|-----|---|-------------------------|-------|--------------|-------------|---|
| 162 | 4130 - Aspen                                  | Low Density<br>Pole     | 9.6   | 45           |             |   |
| 166 | 42210 - Natural Red<br>Pine                   | Medium<br>Density Log   | 8.3   | 49           | 111-140     |   |
| 167 | 4139 - Aspen, Mixed<br>Deciduous              | Low Density<br>Sapling  | 38.5  | 1            |             | The stand was harvested during the winter of 2012/2013. The regeneration is coming in.                            |
| 169 | 4125 - Black, N. Pin Oak                      | Medium<br>Density Pole  | 30.4  | 45           | 51-80       |   |
| 172 | 4130 - Aspen                                  | Medium<br>Density       | 9.1   | 25           |             |   |
| 174 | 6112 - Lowland Aspen                          | High Density<br>Pole    | 12.9  | 25           |             |   |
| 178 | 4126 - White, Black, N.<br>Pin Oak            | Low Density<br>Pole     | 13.4  | 45           | 1-50        | The stand is fairly sparse and the trees are in pockets.  |
| 180 | 4130 - Aspen                                  | Low Density<br>Pole     | 5.1   | 45           |             |   |
| 183 | 42210 - Natural Red<br>Pine                   | Medium<br>Density Pole  | 1.3   | 25           | 51-80       |   |
| 184 | 4130 - Aspen                                  | Medium<br>Density       | 5.1   | 25           |             |   |
| 186 | 4130 - Aspen                                  | Low Density<br>Sapling  | 10.1  | 17           |             | The aspen regeneration coming in patchy.  |
| 188 | 6112 - Lowland Aspen                          | Low Density<br>Pole     | 7.1   | 25           |             |   |
| 189 | 6121 - Tamarack                               | Medium<br>Density Pole  | 3.3   | 45           | 51-80       |   |
| 191 | 6121 - Tamarack                               | Medium<br>Density       | 2.1   | 25           |             |   |
| 197 | 6127 - Lowland Pine                           | Medium<br>Density Pole  | 6.0   | 50           | 1-50        | The south end is mainly tamarack, the center is more upland red pine the north end is more lowland quaking aspen. |
| 201 | 42121 - Planted Jack<br>Pine, Mixed Deciduous | High Density<br>Sapling | 23.5  | 16           |             |   |
| 202 | 6121 - Tamarack                               | Low Density<br>Pole     | 12.9  | 45           | 1-50        | The site is very low and wet. There is significant spangnum moss on the ground.                                   |
| 204 | 6121 - Tamarack                               | High Density<br>Pole    | 1.8   | 17           |             | The stand is very wet.  |



| Stand | Level 4 Cover Type                         | Size Density        | Acres | Stand Age | BA Range | General Comments:   |
|-------|--|---------------------|-------|-----------|----------|---|
| 205   | 6114 - Lowland Oak                         | Low Density Sapling | 19.8  | 17        |          | There is EAB in the ash.  |
| 206   | 4125 - Black, N. Pin Oak                   | Medium Density Log  | 11.6  | 68        | 81-110   |   |
| 209   | 6113 - Lowland Maple                       | Medium Density      | 7.3   | 17        | 51-80    |   |
| 211   | 6117 - Lowland Deciduous, Mixed Coniferous | Medium Density      | 11.9  | 16        |          | Stand is fairly wet.  |
| 212   | 6126 - Lowland Jack Pine                   | Medium Density      | 9.1   | 16        |          |   |
| 214   | 4199 - Other Mixed Upland Deciduous        | Medium Density Log  | 7.2   | 75        | 51-80    |   |
| 215   | 6115 - Lowland Ash                         | Low Density Pole    | 5.9   | 69        | 51-80    | The stand is a mixtue of uplands and lowlands with the uplands being the majority. The lowest ground is in the north west end and the pine in the south west end. |
| 217   | 4130 - Aspen                               | Medium Density Pole | 4.2   | 45        |          | This stand is an island surrounded by lowland shrubs and marsh.   |
| 218   | 6121 - Tamarack                            | Medium Density Pole | 1.7   | 50        |          | The stand is blocked by physical obstical being a bog. The north west side is heavy to tamarack the south east is heavy to maple and ash.                         |
| 220   | 42210 - Natural Red Pine                   | High Density Log    | 5.2   | 75        | 81-110   | Hold for biodiversity.  |
| 221   | 4199 - Other Mixed Upland Deciduous        | High Density Log    | 25.6  | 95        |          | The north end of the stand is fairly wet. The crown closure is around 80%.  |
| 223   | 6121 - Tamarack                            | Medium Density Pole | 12.7  | 28        | 81-110   | The stand has some variablility in that there a trasion between it and the stand to the northeast. this stand is very wet.  |
| 226   | 6113 - Lowland Maple                       | Low Density Log     | 15.5  | 89        | 81-110   | There is high mortality in the ash. The west side has a component of good aspen.  |
| 227   | 6119 - Mixed Lowland Deciduous Forest      | Medium Density Log  | 69.8  | 95        | 51-80    | There is about 30% mortality in the ash from EAB. The stand does have inclusion of upland but overall it is very wet. Factor Limit too wet and access.            |
| 228   | 6115 - Lowland Ash                         | High Density Pole   | 6.1   | 17        | 81-110   | Some mortality in the ash but infestation is around 50%:  |
| 230   | 6119 - Mixed Lowland Deciduous Forest      | Low Density Sapling | 55.5  | 17        | 1-50     | the stand is sparse and the ash has heavy EAB.  |
| 233   | 4125 - Black, N. Pin Oak                   | Low Density Log     | 17.9  | 55        | 1-50     | Stand is currently a part of I-75 T'sale.   |



|     | Level 4<br>Cover Type                         | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|-----|---|-------------------------|-------|--------------|-------------|---|
| 235 | 6119 - Mixed Lowland<br>Deciduous Forest      | Medium<br>Density Pole  | 10.0  | 69           | 51-80       | The stand is quite diverse. The soils are a mixture of uplands and lowlands. Overall the stand is quite wet.  |
| 237 | 6121 - Tamarack                               | High Density<br>Pole    | 12.0  | 40           | 51-80       | The stand is mainly lowlands. However, it appears to be manageable. The tamarack is variable in size with areas of sapling and areas of poles. The terrain is hummocky. |
| 240 | 6139 - Mixed Lowland<br>Forest                | Medium<br>Density       | 22.9  | 28           | 51-80       | The stand has an narrow east-west ridge at the south end  |
| 241 | 6115 - Lowland Ash                            | Medium<br>Density Pole  | 8.3   | 49           | 51-80       | There is heavy ash mortality. The ground cover is heavy to marsh grass.   |
| 242 | 42210 - Natural Red<br>Pine                   | High Density<br>Log     | 2.4   | 75           | 171-200     | Hold stand for biodiversity   |
| 243 | 6115 - Lowland Ash                            | High Density<br>Log     | 7.1   | 90           | 81-110      | The stand is a very wet ash type which is too wet to harvest. The ground cover is marsh grass. The soils are muck. EAB is fairly low at the current time.               |
| 245 | 4130 - Aspen                                  | Low Density<br>Pole     | 8.5   | 80           |             | Island of aspen surrounded by N&L. Wildlife will habitat cut.   |
| 248 | 6115 - Lowland Ash                            | High Density<br>Pole    | 20.1  | 65           | 51-80       | The ash has about 25% mortality because of EAB. Has a north-south drainaged that is impassable at the west end.   |
| 249 | 6119 - Mixed Lowland<br>Deciduous Forest      | Medium<br>Density Log   | 8.9   | 69           |             | Factor limit no access surround by non forested lowlands.   |
| 250 | 4199 - Other Mixed<br>Upland Deciduous        | High Density<br>Pole    | 13.2  | 30           |             | The stand is on a ridge mainly. there is a patch of nearly pure white pine at southwest corner. This is not a good oak or aspen site.                                   |
| 251 | 6121 - Tamarack                               | Medium<br>Density       | 5.0   | 20           | 1-50        | The terrain is hummocky and it is mainly lowlands. There are inclusion of uplands knob mainly toward the northern end of the stand.                                     |
| 252 | 6115 - Lowland Ash                            | High Density<br>Pole    | 29.0  | 69           | 51-80       | The ash has a high mortality. There is a good balsam fir component at the west end.   |
| 254 | 6121 - Tamarack                               | Medium<br>Density       | 5.8   | 25           | 1-50        |   |
| 256 | 6113 - Lowland Maple                          | High Density<br>Sapling | 49.7  | 17           | 51-80       | The stand has heavy red maple regeneration much appears to be from seed source. the density is less at the west end. There are a few open areas in the stand.           |
| 263 | 6115 - Lowland Ash                            | Low Density<br>Pole     | 20.8  | 69           | 51-80       |   |
| 264 | 4191 - Mixed Upland<br>Deciduous with Conifer | Medium<br>Density       | 12.1  | 7            |             | The stand was harvested having aspen removed and marking other species.   |



|     | Level 4<br>Cover Type                            | Size<br>Density        | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|-----|--|------------------------|-------|--------------|-------------|---|
| 265 | 6119 - Mixed Lowland<br>Deciduous Forest         | High Density<br>Pole   | 2.2   | 55           | 51-80       | No access landlock by marsh and lowland shrubs  |
| 267 | 4199 - Other Mixed<br>Upland Deciduous           | Medium<br>Density Log  | 15.1  | 48           | 51-80       | The terrain is hummocky. the stand is about 80% uplands   |
| 272 | 6121 - Tamarack                                  | Medium<br>Density Pole | 9.2   | 95           | 51-80       | The stand is a mixture of uplands and lowlands with the lowlands being the majority. The east end is heavier to aspen   |
| 275 | 6113 - Lowland Maple                             | High Density<br>Pole   | 3.6   | 30           | 51-80       | matrix of uplands and lowlands with lowlands being the majority. terrain is hummocky. inclusion of leather leaf.  |
| 280 | 42210 - Natural Red<br>Pine                      | Medium<br>Density Log  | 4.7   | 60           | 81-110      | The stand is a ridge. The cenral portion of the stand is red pine log/pole. The understory is thick red and white pine in areas that the aspen and oak overstory has died. This is most noticable at the north end of the stand.. |
| 282 | 6139 - Mixed Lowland<br>Forest                   | Low Density<br>Pole    | 17.9  | 46           |             | The stand is a mixture of uplands and lowland with the lowlands being the majority. There is significant tamarack, jack pine, and white pine in the stand along with the oak and maple.   |
| 285 | 4125 - Black, N. Pin Oak                         | Medium<br>Density Pole | 6.5   | 60           | 1-50        | This stand is made up of two ridges seperated by a shallow swale. It has an appearence of a two-aged stand with larger overstory oak with sapling/pole understory of oak, maple, red pine and white pine.                         |
| 286 | 6113 - Lowland Maple                             | Medium<br>Density Log  | 13.7  | 88           |             | The stand is too wet to manage.   |
| 288 | 6113 - Lowland Maple                             | Low Density<br>Sapling | 8.7   | 25           | 1-50        | 85% of the stand is lowlands.   |
| 290 | 6113 - Lowland Maple                             | Medium<br>Density      | 188.1 | 25           | 51-80       | The stand is about 85% lowlands.  |
| 292 | 6115 - Lowland Ash                               | High Density<br>Log    | 71.2  | 87           | 81-110      | factor limit too wet,   |
| 298 | 4125 - Black, N. Pin Oak                         | Medium<br>Density Log  | 18.4  | 87           | 1-50        |   |
| 299 | 6113 - Lowland Maple                             | Medium<br>Density Log  | 6.4   | 88           |             | Too wet to manage   |
| 300 | 6117 - Lowland<br>Deciduous, Mixed<br>Coniferous | High Density<br>Pole   | 7.2   | 45           |             | Stand is an island surrounded by non-forested lowland on 3 sides and I-75 on the other.   |
| 302 | 6119 - Mixed Lowland<br>Deciduous Forest         | Medium<br>Density Pole | 7.0   | 45           | 51-80       |   |
| 304 | 6113 - Lowland Maple                             | Low Density<br>Sapling | 53.8  | 83           |             | Factor limit too wet  |



|     | Level 4<br>Cover Type                    | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|-----|--|-------------------------|-------|--------------|-------------|---|
| 305 | 4131 - Aspen, Oak                        | Low Density<br>Sapling  | 20.2  | 12           |             | the stand is an old habitat burn could be burned again  |
| 308 | 6119 - Mixed Lowland<br>Deciduous Forest | Low Density<br>Pole     | 6.4   | 83           | 1-50        | factor limit no access. The stand is a mixture of uplands and<br>lowland with the lowlands being the majority.  |
| 309 | 6113 - Lowland Maple                     | High Density<br>Sapling | 6.8   | 18           |             | The stand has some residual sawlog green ash and aspen. The<br>regeneration of maple in the stand is dense.   |
| 312 | 6113 - Lowland Maple                     | High Density<br>Pole    | 5.6   | 26           | 1-50        |   |
| 313 | 6112 - Lowland Aspen                     | High Density<br>Pole    | 5.2   | 49           |             | The ash has low mortality and low infestation of EAB. The stand<br>is fairly wet and there are areas of marsh grass and sheep laural                        |
| 315 | 4131 - Aspen, Oak                        | High Density<br>Sapling | 6.7   | 35           |             |   |
| 317 | 4125 - Black, N. Pin Oak                 | Medium<br>Density Pole  | 7.3   | 49           | 1-50        |   |
| 318 | 6112 - Lowland Aspen                     | Low Density<br>Sapling  | 11.2  | 35           |             |   |
| 320 | 6113 - Lowland Maple                     | Low Density<br>Log      | 20.5  | 98           | 51-80       | 60-70% of the ash in the stand has been killed off by EAB.  |
| 323 | 4131 - Aspen, Oak                        | Low Density<br>Sapling  | 20.1  | 12           |             | Stand was and old habitat burn.   |
| 327 | 42210 - Natural Red<br>Pine              | High Density<br>Log     | 5.8   | 75           | 141-170     |   |
| 330 | 4125 - Black, N. Pin Oak                 | High Density<br>Log     | 15.6  | 77           | 51-80       | the stand is on a low ridge. There is an understory but it is<br>patchy. the stand has a traditional hunting camp. Hold the<br>stand for species diversity. |
| 332 | 4125 - Black, N. Pin Oak                 | High Density<br>Pole    | 28.6  | 35           | 1-50        | The site is a series of ridges. It looks to be a good site.   |
| 333 | 6115 - Lowland Ash                       | Medium<br>Density Log   | 261.8 | 83           | 51-80       | Aspen is almost gone from stand. the stand has moderate EAB.<br>The west end is wetter. density in the stand is variable.                                   |
| 335 | 4130 - Aspen                             | High Density<br>Pole    | 37.0  | 46           |             | The stand is variable in wetness with the ground cover going<br>from braken fern to sheep laural.   |
| 336 | 4122 - Oak, Pine                         | Low Density<br>Sapling  | 12.5  | 18           |             |   |
| 342 | 6112 - Lowland Aspen                     | Medium<br>Density Pole  | 25.0  | 49           |             | Factor limit too wet. Ground cover heavy to sheep laural, leather<br>leaf, with areas of bracken fern.  |



|     | Level 4<br>Cover Type                    | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:   |
|-----|--|-------------------------|-------|--------------|-------------|--|
| 343 | 6112 - Lowland Aspen                     | Low Density<br>Pole     | 4.7   | 55           | 1-50        | Factor limit too wet ground cover leather leaf.  |
| 350 | 6113 - Lowland Maple                     | Low Density<br>Pole     | 12.9  | 98           | 1-50        | The stand has high ash mortality because of EAB.   |
| 354 | 4131 - Aspen, Oak                        | Medium<br>Density Pole  | 10.5  | 49           | 1-50        | Aspen has a fair diameter could be final harvested. If harvested leave oak.  |
| 355 | 4125 - Black, N. Pin Oak                 | Medium<br>Density Pole  | 20.1  | 37           | 1-50        |  |
| 359 | 4125 - Black, N. Pin Oak                 | Low Density<br>Sapling  | 27.0  | 18           |             | The regeneration has heavy deer browse. The crown closure is close to 25%.   |
| 360 | 6112 - Lowland Aspen                     | Medium<br>Density Pole  | 8.7   | 49           | 1-50        | Factor limit too wet. Ground cover is leather leaf.  |
| 367 | 42210 - Natural Red<br>Pine              | High Density<br>Pole    | 8.1   | 54           |             | This is a ridge between to lowland types. Stand is currently under contract I-75 Harvest 730061001.  |
| 368 | 4130 - Aspen                             | Low Density<br>Pole     | 16.0  | 34           |             | SI much lower than 60 based on quality of current stand. Patches of poor quality A3, scattered residual mature oak, and oak seedlings. Understory V, winterberry, bracken. 60% upland. 5 ac oak/pine ridge at E end. |
| 371 | 4130 - Aspen                             | High Density<br>Sapling | 9.6   | 11           |             | clearcut winter 2002/2003. Regenerated well. SI higher than previously indicated based on observation of regen.  |
| 374 | 4131 - Aspen, Oak                        | High Density<br>Pole    | 24.7  | 32           |             | The stand has inclusion of lowlands. The terrain is undulating. There are some log sized quaking aspen present in the stand which is declining.  |
| 376 | 4131 - Aspen, Oak                        | High Density<br>Pole    | 27.3  | 32           |             | There is a two-track leading to the east end.  |
| 378 | 4130 - Aspen                             | High Density<br>Sapling | 44.9  | 23           |             | GC bracken and forbs. Severe knapweed along trail and some autumn olive.   |
| 380 | 4130 - Aspen                             | High Density<br>Pole    | 21.3  | 34           |             | Low SI. May want to harvest early next YOE to ensure regen.  |
| 381 | 4125 - Black, N. Pin Oak                 | Medium<br>Density Log   | 16.1  | 84           |             | The stand is currently under contract I-75 Harvest   |
| 382 | 4131 - Aspen, Oak                        | High Density<br>Sapling | 31.6  | 11           |             | Lot of oak seedlings.  |
| 383 | 6119 - Mixed Lowland<br>Deciduous Forest | Medium<br>Density Pole  | 26.7  | 74           |             | Adjacent to I-75. Aspen decadent. Almost as much RM & Oak. Dense Tag alder and winterberry. Stand is too wet to harvest.   |



|     | Level 4<br>Cover Type                    | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|-----|--|-------------------------|-------|--------------|-------------|---|
| 384 | 4130 - Aspen                             | High Density<br>Pole    | 14.7  | 46           |             | Low vigor/SI. Final harvest early to release oak and ensure regen of aspen. O2 sap/seed ground cover. Dormant and dry/frozen spec non-negotiable. Use sapling protection spec for oak. Expect aspen regen and release of oak advanced regen: oak component of new stand should be much higher. Any combo of A/O is acceptable. Stand is currently under contract I-75 Harvest 730061001 |
| 386 | 4130 - Aspen                             | High Density<br>Pole    | 17.4  | 46           |             | the stand is currently under contract I-75 Harvest  |
| 387 | 4130 - Aspen                             | High Density<br>Sapling | 14.1  | 11           |             | Clearcut 2003. Excellent regen; very high stem density. Maple understory. Ground cover varies from grass to hazel.  |
| 389 | 6113 - Lowland Maple                     | High Density<br>Pole    | 51.6  | 94           | 81-110      | The stand is low and wet the terrain is hummocky.   |
| 390 | 4130 - Aspen                             | High Density<br>Pole    | 31.4  | 30           |             | Ground cov bracken, forbs. Some maple in understory.  |
| 392 | 6119 - Mixed Lowland<br>Deciduous Forest | High Density<br>Pole    | 12.4  | 94           |             | The stand is currently under contract I-75 Harvest 730061001  |
| 394 | 4130 - Aspen                             | High Density<br>Sapling | 6.9   | 11           |             | Stand was harvested in 2003 and has regenerated.  |
| 395 | 4130 - Aspen                             | High Density<br>Sapling | 48.9  | 11           |             | stand was clearcut in the winter of 2002/2003. Excellent regen. Trace of oak supercanopy, but almost pure A.  |
| 397 | 4131 - Aspen, Oak                        | High Density<br>Pole    | 5.3   | 46           |             | The stand was scheduled for an early harvest in 2008. Aspen in the stand has low vigor. Currently under contract I-75 Harvest 730061001   |
| 400 | 4133 - Aspen, Mixed<br>Pine              | High Density<br>Pole    | 28.2  | 46           |             | The stand is currently under contract I-75 Harvest 730061001. It is to be harvested as a clearcut with reserves retaining oak.  |
| 401 | 6112 - Lowland Aspen                     | High Density<br>Pole    | 20.5  | 30           |             | Variable stand: 20% dense upland A4/3. 5-10% open w/ bracken and scattered wp, rest P w/ RM understory and moderately dense winterberry.  |
| 402 | 4130 - Aspen                             | High Density<br>Sapling | 33.2  | 11           |             | The stand was harvested in the winter of 2002/2003. The stand has regenerated well but there are inclusion of marsh grass.  |
| 403 | 6113 - Lowland Maple                     | High Density<br>Pole    | 10.9  | Uneven Age   |             | Near I-75. NE end very wet w/ moslty ash. Central portion lower BA and wet with some white pine in understory. West 1/2 m type w/ bracken and oak understory.   |
| 404 | 42110 - Planted Red<br>Pine              | High Density<br>Log     | 2.1   | 66           |             | this stand is a small pocket of planted red pine.   |
| 406 | 4130 - Aspen                             | High Density<br>Pole    | 32.6  | 46           |             | There is a solid pocket of quaking aspen in south end. The two-track that goes to the wildlife open passes through it.  |



|     | Level 4<br>Cover Type | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:   |
|-----|-----------------------|-------------------------|-------|--------------|-------------|--|
| 408 | 4130 - Aspen          | Medium<br>Density       | 32.0  | 11           |             | The stand was harvested in the winter of 2002/2003.  |
| 409 | 6115 - Lowland Ash    | Medium<br>Density Pole  | 6.7   | 65           | 51-80       |  |
| 410 | 4130 - Aspen          | High Density<br>Pole    | 20.1  | 30           |             | Red maple and birch a component of over and understory, oak (r and w) in understory. Some sensitive fern in low areas.   |
| 411 | 4130 - Aspen          | Medium<br>Density       | 31.0  | 11           |             | CLEARCUT 2003. N end sparse w/ lot of maple and residual hemlock. Most of stand upland w/ dense A regen and some oak.  |
| 412 | 4130 - Aspen          | High Density<br>Pole    | 37.5  | 30           |             | SE end has few small N ypes and dense maple understory, and 2 small white pine patches. NW end has   |
| 413 | 4130 - Aspen          | Medium<br>Density       | 19.7  | 11           |             | Dense regen w/ good grass and hazel understory. CLEARCUT stand was harvested in the winter of 2002/2003. Regeneration is good overall but there are patch of low density.                                      |
| 414 | 6112 - Lowland Aspen  | High Density<br>Pole    | 9.6   | 30           |             | The stand grades from uplands to lowlands. There are pockets of ash in the lowlands.   |
| 415 | 4130 - Aspen          | High Density<br>Pole    | 28.7  | 47           |             | The stand is doing well. Hold it for 10 years and then harvest.  |
| 417 | 4130 - Aspen          | Medium<br>Density       | 14.3  | 12           |             | The stand was harvested in the winter of 2001/2002. The regeneration is varaible with the low lying areas having low regeneration.   |
| 418 | 4130 - Aspen          | High Density<br>Sapling | 141.0 | 23           |             | Dense aspen w/ some O on ridges, P2 with RM, B and O in low areas (60-70% of stand). Self thinning in dense areas. Some WP presence in stand, and about 3 ac buffer fro HW 75 with oak, pine, aspen and maple. |
| 419 | 6112 - Lowland Aspen  | Medium<br>Density Pole  | 6.6   | 30           | 1-50        | The area is heavy to tag alder understory with aspen over it.  |
| 420 | 4131 - Aspen, Oak     | High Density<br>Sapling | 21.6  | 23           |             | The stand is a mixture of aspen and oak. Currently the stand is approaching poles. There are area in the stand that have low regeneration.   |
| 422 | 4130 - Aspen          | High Density<br>Sapling | 13.7  | 12           |             | The stand was harvested in the winter of 2001/2002   |



|     | Level 4<br>Cover Type                         | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|-----|---|-------------------------|-------|--------------|-------------|---|
| 424 | 4119 - Mixed Northern<br>Hardwoods            | High Density<br>Log     | 88.0  | 91           |             | The stand is under contract I-75 Harvest 730061001. The 2008 OI comments are Most of aspen has died. Uniform oak seedlings 6 ft tall on ave. Single tree selection: mark removal trees to reduce BA to 70. Favor removal of ash, especially large ash, for EAB, then aspen. Do not cut oak, white pine, hemlock, yellow birch or cedar of any size. Don't include cedar drain at NW corner. 1/3 of stand in E central along highway and long strip adjacent to stand 1 is true E; do not cut. Harvest area will be roughly 60 ac. Next YOE consider a shelterwood after stand becomes more windfirm. On moderately well drained Rubiconlosco association soils. WP stumps. Expect maple and oak stand with maple and oak regeneration. Any combination of these species is acceptable. Mark for logability. |
| 425 | 4130 - Aspen                                  | Medium<br>Density       | 9.7   | 23           |             | Dense aspen w/ some O on ridges, P2 with RM, B and O in low areas (60-70% of stand). Self thinning in dense areas. Some WP in vicinity of st 51, and about 3 ac buffer fro HW 75 with oak, pine, aspen and maple.   |
| 426 | 4130 - Aspen                                  | High Density<br>Sapling | 17.2  | 23           |             | Dense aspen w/ some O on ridges, P2 with RM, B and O in low areas (60-70% of stand). Self thinning in dense areas. Some WP in vicinity of st 51, and about 3 ac buffer fro HW 75 with oak, pine, aspen and maple.   |
| 428 | 4130 - Aspen                                  | Medium<br>Density       | 7.9   | 12           |             | The stand is a ridge. A3 at S end, A1/ A2 at E and N end.   |
| 501 | 6113 - Lowland Maple                          | Medium<br>Density Log   | 3.9   | 85           |             | Lowland shrubs in center.   |
| 507 | 6119 - Mixed Lowland<br>Deciduous Forest      | High Density<br>Log     | 30.8  | 93           |             | Diverse stand: Southern 1/3 drier with mostly maple. North central 4 ac ash logs over swamp grass. SW 4 ac drier w/ mostly maple. Soutn cenral 4 ac sparser smaller ash over alder and swamp grass.   |
| 510 | 6113 - Lowland Maple                          | High Density<br>Pole    | 1.9   | 87           |             | Drainage through stand 11.  |
| 511 | 4125 - Black, N. Pin Oak                      | Medium<br>Density Log   | 41.1  | 87           | 1-50        | Operable within stand but no access. FACTOR LIMIT FOR NO ACCESS.  |
| 518 | 42221 - Natural Jack<br>Pine, Mixed Deciduous | Medium<br>Density       | 4.7   | 48           |             | Jack ridge and aspen bog: lumped because surrounded by non-forest and too small to break out as separate stands.  |
| 520 | 4132 - Aspen, Jack Pine                       | Medium<br>Density       | 4.7   | 48           |             | Poor site aspen over bracken and some bog. E 1/3 is jack pine ridge.  |
| 535 | 6113 - Lowland Maple                          | Medium<br>Density       | 4.6   | 49           |             | Failed aspen CC c. 1995 or earlier. Middle 30% is same as stand 33 and 174. This stand was portion too low to cut.  |
| 536 | 6119 - Mixed Lowland<br>Deciduous Forest      | Medium<br>Density Pole  | 10.8  | 49           |             | West 1/2 operable and mostly maple. E 1/2 very wet, mostly ash.   |
| 539 | 6112 - Lowland Aspen                          | Medium<br>Density Pole  | 21.1  | 49           |             | 30-40% upland.  |



|     | Level 4<br>Cover Type                      | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|-----|--|-------------------------|-------|--------------|-------------|---|
| 541 | 4199 - Other Mixed<br>Upland Deciduous     | Low Density<br>Sapling  | 4.6   | 49           |             | Portion of dry ridge with bracken, sedge, grass, sweet fern.  |
| 542 | 4130 - Aspen                               | Medium<br>Density Pole  | 10.8  | 49           |             | Wetter with alder at south end: use as retention.   |
| 545 | 6112 - Lowland Aspen                       | Medium<br>Density Pole  | 5.6   | 73           |             | Portion of stand 46 not harvested because too wet.  |
| 546 | 4130 - Aspen                               | High Density<br>Sapling | 27.3  | 20           |             | Regenerated well. 65-75% upland. lower along east edge.   |
| 548 | 6112 - Lowland Aspen                       | Medium<br>Density Pole  | 45.2  | 49           |             | very wet with alder and swamp grass ground cover. Allow to<br>convert to E.                                 |
| 550 | 6113 - Lowland Maple                       | Low Density<br>Sapling  | 2.5   | 20           |             | areas of alder and swamp grass.   |
| 551 | 4130 - Aspen                               | Medium<br>Density Log   | 24.9  | 84           |             |   |
| 552 | 4199 - Other Mixed<br>Upland Deciduous     | Low Density<br>Sapling  | 56.8  | 23           |             | 25-30% shallow depressions w/ moss, willow, alder. Aspen in<br>fairly small, scattered but dense clumps.    |
| 553 | 6115 - Lowland Ash                         | Medium<br>Density Log   | 34.2  | 84           | 1-50        |   |
| 557 | 4112 - Maple, Beech,<br>Cherry Association | High Density<br>Sapling | 14.7  | 49           |             |   |
| 558 | 4125 - Black, N. Pin Oak                   | Low Density<br>Pole     | 6.5   | 49           | 1-50        | 60-65% upland. Bracken.   |
| 559 | 4130 - Aspen                               | Medium<br>Density Pole  | 7.0   | 49           |             | very difficult access. Low volume and vigor. More E type at<br>west end.                                    |
| 560 | 6112 - Lowland Aspen                       | High Density<br>Log     | 12.3  | 49           |             | Inoperably wet (very) portion broken out of stand 48 (former OI<br>stand 17).                               |
| 561 | 6112 - Lowland Aspen                       | High Density<br>Pole    | 26.1  | 49           |             | low volume, diameters for 45 year old stand. Low SI of 55.<br>Small L pockets remaining.                    |
| 563 | 6119 - Mixed Lowland<br>Deciduous Forest   | Low Density<br>Sapling  | 6.8   | 23           |             | Small upland with few large oak at north central edge. Scattered<br>large trees in west end.                |
| 566 | 6112 - Lowland Aspen                       | Low Density<br>Pole     | 6.0   | 49           |             | broken out of stand 56: much wetter and a lot of L type<br>inclusions and tamarack.                         |
| 567 | 4199 - Other Mixed<br>Upland Deciduous     | Low Density<br>Sapling  | 6.8   | 49           |             | 35-40% lowland: shallow depressions w/ small willow, alder and<br>trees. Sparsely treed uplands w/ bracken. |



|     | Level 4<br>Cover Type            | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|-----|----------------------------------|-------------------------|-------|--------------|-------------|---|
| 569 | 6113 - Lowland Maple             | Medium<br>Density Pole  | 9.2   | 49           |             |   |
| 571 | 4125 - Black, N. Pin Oak         | High Density<br>Pole    | 17.1  | 49           | 51-80       | Ridge   |
| 573 | 6112 - Lowland Aspen             | Low Density<br>Pole     | 6.8   | 49           |             | Poor vigor and low volume. Would convert to L if cut. Evidence of wild boars.   |
| 579 | 4130 - Aspen                     | High Density<br>Pole    | 22.4  | 49           |             | Somewhat low volume: could hold or harvest depending on age distribution.   |
| 580 | 4125 - Black, N. Pin Oak         | High Density<br>Sapling | 9.0   | 39           |             | Operable ridge. Private line posted slightly west onto state according to GPS   |
| 581 | 6112 - Lowland Aspen             | High Density<br>Pole    | 23.6  | 49           |             | Broken out of pre-inv st 83 because wetter and more maple. Can harvest or hold: aspen in fair condition and not highly vigorous. HARVEST DRY FROZEN IF HARVEST.                               |
| 582 | 4130 - Aspen                     | High Density<br>Pole    | 77.3  | 49           | 51-80       |   |
| 584 | 6113 - Lowland Maple             | High Density<br>Sapling | 7.8   | 49           |             |   |
| 585 | 4137 - Aspen, Birch              | Medium<br>Density       | 55.0  | 23           |             | 65% upland: scattered lowland shrub pockets and areas heavy to birch and maple that are wet soil but not depressions.   |
| 589 | 6126 - Lowland Jack<br>Pine      | Low Density<br>Pole     | 9.8   | 49           |             | Jack pine bog with blueberry/leatherleaf  |
| 590 | 6113 - Lowland Maple             | High Density<br>Pole    | 9.8   | 49           |             | Broken out of pre-inv stand 83. Dense lowland maple ridges interspersed with wetter broad drainages with lowland shrubs and less canopy cover.  |
| 593 | 4139 - Aspen, Mixed<br>Deciduous | High Density<br>Pole    | 19.1  | 49           |             | Variable stand. Eastern Polygon: N 1/3 little wetter with maple logs and heavy maple understory. Middle 1/3 little sparse with opening: . S 1/2 has ridge with mostly large pole sized aspen. |
| 594 | 4125 - Black, N. Pin Oak         | Medium<br>Density Pole  | 3.6   | 74           | 51-80       | Oak/pine ridge. Inaccessible due to private and bog. Blueberry ground cover and lot of oak seedlings in places.   |
| 595 | 6115 - Lowland Ash               | Low Density<br>Sapling  | 8.7   | 31           |             | very wet: flowing drain through stand   |
| 596 | 4131 - Aspen, Oak                | High Density<br>Pole    | 75.8  | 49           |             | Meets age criteria for harvest and is fair vigor aspen. Not a good aspen site. Look at age classes: could hold to get more volume but stand won't put on a lot in 10 years.                   |
| 598 | 4139 - Aspen, Mixed<br>Deciduous | Medium<br>Density       | 16.9  | 23           |             | 10-15% lowland: few shallow drainages and shallow depressions w/ sphagnum moss.   |



| Stand | Level 4 Cover Type                      | Size Density         | Acres | Stand Age | BA Range | General Comments:  |
|-------|---|----------------------|-------|-----------|----------|--|
| 600   | 4112 - Maple, Beech, Cherry Association | Low Density Sapling  | 7.3   | 85        | 1-50     | 55% of stand sparse, very low SI upland excluded from harvest in stand 92 because very little product. 45% maple over winterberry lowland.   |
| 602   | 4130 - Aspen                            | Medium Density       | 27.5  | 9         |          | Harvested 2005 and regenerating well. Residual large sapling sized oak and maple.  |
| 603   | 6112 - Lowland Aspen                    | Low Density Sapling  | 2.5   | 23        |          | Small bog @ N end. Blueberry and bracken cover. Sparser than st 88; from same harvest.   |
| 604   | 4131 - Aspen, Oak                       | Medium Density       | 15.1  | 23        |          | PvCd (very dry) site w/ sedges and reindeer moss.  |
| 605   | 4139 - Aspen, Mixed Deciduous           | High Density Sapling | 13.9  | 31        |          | Varies from upland to hummocky (40%) to wet areas with winterberry (20%). Drier and heavier to aspen at south end.   |
| 607   | 6113 - Lowland Maple                    | High Density Sapling | 12.3  | 23        |          | Some sensitive fern and few marsh pockets: wetter than stand 88 or 93.   |
| 608   | 4130 - Aspen                            | High Density Pole    | 88.5  | 42        |          | Priority 1 candidate for early harvest if needed to even age class distribution. Varied hydrology: from ridges (5-10%) to low areas with some ash (5-10%). Enough low area that dry/frozen spec might be wanted. Low areas just dried up recently (late june). |
| 610   | 6119 - Mixed Lowland Deciduous Forest   | Low Density Sapling  | 3.9   | 23        |          | Lowland shrubs that have succeeded to forest. Much sparser than stand 96 with far more alder/willow  |
| 611   | 6119 - Mixed Lowland Deciduous Forest   | Medium Density       | 9.5   | 31        |          | Considerable microrelief.  |
| 612   | 6119 - Mixed Lowland Deciduous Forest   | Low Density Sapling  | 2.4   | 23        |          |  |
| 616   | 4139 - Aspen, Mixed Deciduous           | Low Density Log      | 4.7   | 81        |          | Large old aspen with some vigor left, large maple, and newer regen of varying age. left when stand 10 harvested because of few low, mossy depressions.   |
| 617   | 6113 - Lowland Maple                    | High Density Sapling | 8.4   | 42        |          | Ture lowland hardwoods but operable when dry/frozen  |
| 618   | 4130 - Aspen                            | High Density Pole    | 13.0  | 42        |          | Priority 1 candidate for early harvest if needed to even age class distribution. Varied hydrology: from ridges (5-10%) to low areas with some ash (5-10%). Enough low area that dry/frozen spec might be wanted. Low areas just dried up recently (late june). |
| 619   | 4130 - Aspen                            | High Density Pole    | 19.5  | 42        |          | Candidate for early harvest to even aspen age class distribution. Grades to wetter at west end. 35% lowland.   |
| 620   | 4112 - Maple, Beech, Cherry Association | High Density Sapling | 6.9   | 42        |          | Barely upland: operable with dry/frozen spec. Formerly part of stand 98/112: wetter. Grades into lowland shrubs at E end.  |



| Stand | Level 4 Cover Type                    | Size Density         | Acres | Stand Age | BA Range | General Comments:   |
|-------|---------------------------------------|----------------------|-------|-----------|----------|---|
| 621   | 4130 - Aspen                          | Medium Density       | 7.2   | 12        |          | Cut 2002: Toboggan Hill sale in comp 129 to north.  |
| 622   | 4131 - Aspen, Oak                     | High Density Pole    | 73.8  | 42        |          | Drier than stand 98 with more oak, less maple. Has bigtooth aspen vs quaking in st 98.  |
| 624   | 6113 - Lowland Maple                  | High Density Sapling | 8.5   | 42        |          | Wetter and lower SI than surrounding stands   |
| 625   | 4130 - Aspen                          | High Density Sapling | 10.7  | 42        |          |   |
| 628   | 4130 - Aspen                          | High Density Pole    | 6.2   | 42        |          | Good high SI stand. Mostly QA compared to stand 167 and stand to east.  |
| 629   | 4133 - Aspen, Mixed Pine              | Medium Density Pole  | 6.0   | 42        |          |   |
| 630   | 4131 - Aspen, Oak                     | High Density Sapling | 4.6   | 42        |          |   |
| 633   | 6113 - Lowland Maple                  | Medium Density Log   | 7.6   | 62        | 200+     | Very wet. With sensitive fern. 1  |
| 634   | 6113 - Lowland Maple                  | Low Density Pole     | 7.7   | 42        |          |   |
| 635   | 4311 - Pine, Aspen Mix                | Medium Density Log   | 9.0   | 42        |          | Very eclectic stand with some planted and some natural RP, and aspen. Drain through middle of stand with some ash and tag alder. Open areas with forbs. |
| 637   | 4131 - Aspen, Oak                     | Medium Density       | 7.2   | 23        |          | Far eastern 5 ac is dry oak ridge of same age   |
| 638   | 42210 - Natural Red Pine              | High Density Log     | 1.1   | 72        | 200+     | No Access   |
| 639   | 6112 - Lowland Aspen                  | Medium Density       | 5.9   | 42        |          | Shrubs very dense in places. Highbush blueberry ground cover.   |
| 640   | 6112 - Lowland Aspen                  | Medium Density Pole  | 6.4   | 54        |          | '98 DOQ indicates roughly 50% of canopy is aspen, and that stand is clearly lowland.  |
| 641   | 6113 - Lowland Maple                  | High Density Pole    | 9.0   | 83        |          | Dry enough to be operable.  |
| 642   | 6119 - Mixed Lowland Deciduous Forest | Low Density Pole     | 8.2   | 34        |          | 1998 DOQ indicates stand is lowland and has succeeded from L type last YOY.   |
| 643   | 4139 - Aspen, Mixed Deciduous         | Low Density Sapling  | 21.5  | 9         |          | Clearcut '05. Most of maple is residual saps. Their average ht is about 30 ft now. 10-15% lowland.  |

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Gladwin Mgt. Unit

## Report 8 – Forested Stands

Compartment: 126  
Year of Entry: 2016

|            | Level 4<br>Cover Type        | Size<br>Density         | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
|------------|------------------------------|-------------------------|-------|--------------|-------------|---|
| <b>644</b> | 4130 - Aspen                 | High Density<br>Sapling | 4.6   | 42           |             | Lower SI than st 110 and smaller diameters due to EsC soil along ridge: same soil as st 117.  |
| <b>646</b> | 6113 - Lowland Maple         | Medium<br>Density Pole  | 4.7   | 83           |             |   |
| <b>647</b> | 4131 - Aspen, Oak            | High Density<br>Pole    | 12.1  | 77           |             | East of Sterling Truck Trail VERY steep and portion surrounded by sterling truck trail on 2 sides: factor limit 2E: too steep.  |
| <b>650</b> | 4131 - Aspen, Oak            | High Density<br>Sapling | 9.9   | 23           |             | Road through eastern poly (multi poly stand) to stand 137 should be bermed at NW edge of this portion of stand. Western portion much heavier to oak (70%) and eastern to aspen (86) |
| <b>653</b> | 6113 - Lowland Maple         | Medium<br>Density Pole  | 26.7  | 80           |             | Varies from possibly operable and fairly productive at south end, to nearly L type at west end, to somewhat smaller diameters and moderate density in middle.                       |
| <b>663</b> | 42220 - Natural Jack<br>Pine | Medium<br>Density       | 4.8   | 32           |             | E end grades into higher percentage hardwoods.  |



| Stand | Cover Type                        | Acres | Managed Site  | Management Priority (Objective) | General Comments:  |
|-------|-----------------------------------|-------|---------------|---------------------------------|--|
| 8     | 622 - Lowland Shrub               | 1.6   | No            | Unspecified                     |  |
| 12    | 6225 - Bog                        | 3.3   | No            | Unspecified                     |  |
| 15    | 3205 - Mixed Upland Shrub         | 5.4   | No            | Unspecified                     |  |
| 16    | 6225 - Bog                        | 6.5   | No            | Unspecified                     |  |
| 22    | 622 - Lowland Shrub               | 7.3   | No            | Unspecified                     |  |
| 25    | 6225 - Bog                        | 7.2   | Unspecified   | Unspecified                     |  |
| 26    | 6224 - Treed Bog                  | 27.6  | Unspecified   | Unspecified                     |  |
| 28    | 3105 - Mixed Upland Herbaceous    | 4.5   | No            | Unspecified                     |  |
| 29    | 629 - Mixed non-forested wetland  | 2.1   | No            | Unspecified                     |  |
| 30    | 622 - Lowland Shrub               | 2.3   | No            | Unspecified                     |  |
| 31    | 623 - Emergent Wetland            | 3.9   | No            | Unspecified                     |  |
| 35    | 622 - Lowland Shrub               | 3.6   | No            | Unspecified                     |  |
| 38    | 622 - Lowland Shrub               | 10.9  | Unspecified   | Unspecified                     |  |
| 39    | 3102 - Grass                      | 3.3   | No            | Unspecified                     | This is the pipeline   |
| 40    | 3301 - Low Density Deciduous Tree | 25.8  | Unspecified   | Unspecified                     |  |
| 42    | 6225 - Bog                        | 2.8   | No            | Unspecified                     |  |
| 43    | 622 - Lowland Shrub               | 2.6   | No            | Unspecified                     |  |
| 44    | 3102 - Grass                      | 40.6  | Natural Regen | Aspen                           | West end appears to be older. Much of the trees are barely merchantable. |



| Stand | Cover Type                        | Acres | Managed Site | Management Priority (Objective) | General Comments:   |
|-------|-----------------------------------|-------|--------------|---------------------------------|---|
| 45    | 50 - Water                        | 18.7  | No           | Unspecified                     |   |
| 47    | 623 - Emergent Wetland            | 3.8   | No           | Unspecified                     |   |
| 50    | 622 - Lowland Shrub               | 6.5   | No           | Unspecified                     |   |
| 54    | 6220 - Alder/willow               | 34.2  | No           | Unspecified                     |   |
| 58    | 3201 - Sweet Fern                 | 3.3   | No           | Unspecified                     | There are some oak, cherry and white pine on site.  |
| 60    | 6220 - Alder/willow               | 2.4   | No           | Unspecified                     |   |
| 61    | 629 - Mixed non-forested wetland  | 1.3   | No           | Unspecified                     |   |
| 63    | 3101 - Poverty Grass, Cladonia    | 2.3   | No           | Unspecified                     | The crown closure is below 15% and it is mainly aspen, cherry and oak. the ground cover is heavy to sweet fern.   |
| 75    | 310 - Herbaceous Openland         | 1.0   | No           | Unspecified                     |   |
| 77    | 622 - Lowland Shrub               | 9.6   | No           | Unspecified                     |   |
| 81    | 6220 - Alder/willow               | 12.8  | No           | Unspecified                     |   |
| 83    | 6229 - Mixed lowland shrub        | 1.5   | No           | Unspecified                     |   |
| 85    | 3102 - Grass                      | 6.9   | Plantation   | Red Pine                        | Stand was harvested in winter of 2012/2013 and has an FTP 73-805 to trench and plant red pine.  |
| 89    | 6220 - Alder/willow               | 5.0   | No           | Unspecified                     |   |
| 96    | 3102 - Grass                      | 1.3   | Yes          | Low                             |   |
| 103   | 3301 - Low Density Deciduous Tree | 96.6  | No           | Unspecified                     | The stand was harvested and it is starting to regenerate. Deer browse is heavy. The trees that were marked for retention about 50% have blown down. The soils is a mixture of uplands and lowlands. The lowlands have marsh grass for ground cover and regeneration is poor on the upland it is fair. |
| 107   | 50 - Water                        | 12.8  | No           | Unspecified                     | This is a borrow pit.   |



| Stand | Cover Type                       | Acres | Managed Site | Management Priority (Objective) | General Comments:   |
|-------|----------------------------------|-------|--------------|---------------------------------|---|
| 108   | 3102 - Grass                     | 3.5   | No           | Unspecified                     |   |
| 109   | 6229 - Mixed lowland shrub       | 12.0  | No           | Unspecified                     |   |
| 111   | 6220 - Alder/willow              | 3.8   | No           | Unspecified                     |   |
| 117   | 6220 - Alder/willow              | 5.8   | No           | Unspecified                     |   |
| 118   | 122 - Road/Parking Lot           | 2.6   | No           | Unspecified                     |   |
| 122   | 710 - Sand, Soil                 | 3.0   | No           | Unspecified                     |   |
| 123   | 6220 - Alder/willow              | 2.9   | No           | Unspecified                     |   |
| 124   | 50 - Water                       | 11.5  | No           | Unspecified                     |   |
| 126   | 6220 - Alder/willow              | 1.0   | No           | Unspecified                     |   |
| 127   | 629 - Mixed non-forested wetland | 1.0   | No           | Unspecified                     |   |
| 128   | 6224 - Treed Bog                 | 5.8   | No           | Unspecified                     | The stand has scattered tamarack and quaking aspen with pockets of tag alder. |
| 129   | 3105 - Mixed Upland Herbaceous   | 3.3   | Plantation   | Jack Pine                       |   |
| 130   | 3103 - Rubus-Fern                | 1.1   | No           | Unspecified                     |   |
| 132   | 6229 - Mixed lowland shrub       | 4.2   | No           | Unspecified                     |   |
| 133   | 3102 - Grass                     | 1.7   | No           | Unspecified                     |   |
| 135   | 6220 - Alder/willow              | 12.5  | No           | Unspecified                     |   |
| 137   | 6220 - Alder/willow              | 2.2   | No           | Unspecified                     |   |
| 141   | 3102 - Grass                     | 2.1   | No           | Unspecified                     |   |



| Stand | Cover Type                        | Acres | Managed Site | Management Priority (Objective) | General Comments:  |
|-------|-----------------------------------|-------|--------------|---------------------------------|--|
| 146   | 6220 - Alder/willow               | 1.0   | No           | Unspecified                     |  |
| 149   | 6220 - Alder/willow               | 1.6   | No           | Unspecified                     |  |
| 152   | 6220 - Alder/willow               | 4.4   | No           | Unspecified                     |  |
| 153   | 3301 - Low Density Deciduous Tree | 3.2   | No           | Aspen                           |  |
| 155   | 3301 - Low Density Deciduous Tree | 10.4  | No           | Aspen                           |  |
| 159   | 6225 - Bog                        | 1.6   | No           | Unspecified                     |  |
| 160   | 310 - Herbaceous Openland         | 1.1   | No           | Unspecified                     |  |
| 163   | 623 - Emergent Wetland            | 4.1   | No           | Unspecified                     |  |
| 164   | 3301 - Low Density Deciduous Tree | 4.2   | No           | Aspen                           |  |
| 165   | 6220 - Alder/willow               | 6.0   | No           | Unspecified                     |  |
| 168   | 3301 - Low Density Deciduous Tree | 1.2   | No           | Unspecified                     |  |
| 170   | 629 - Mixed non-forested wetland  | 1.3   | No           | Unspecified                     | Stand is mainly tag alder and willow mixed with marsh grass and scatted ash, oak, and aspen. |
| 171   | 6220 - Alder/willow               | 9.1   | No           | Unspecified                     |  |
| 173   | 622 - Lowland Shrub               | 8.5   | No           | Unspecified                     |  |
| 175   | 6220 - Alder/willow               | 2.4   | No           | Unspecified                     |  |
| 176   | 629 - Mixed non-forested wetland  | 22.9  | No           | Unspecified                     |  |
| 177   | 6220 - Alder/willow               | 7.6   | No           | Unspecified                     |  |
| 179   | 6225 - Bog                        | 14.7  | No           | Unspecified                     |  |



| Stand | Cover Type                       | Acres | Managed Site | Management Priority (Objective) | General Comments:  |
|-------|----------------------------------|-------|--------------|---------------------------------|--|
| 181   | 629 - Mixed non-forested wetland | 6.1   | No           | Unspecified                     |  |
| 182   | 629 - Mixed non-forested wetland | 5.5   | No           | Unspecified                     |  |
| 185   | 6229 - Mixed lowland shrub       | 10.3  | No           | Unspecified                     |  |
| 187   | 6224 - Treed Bog                 | 2.6   | No           | Unspecified                     |  |
| 190   | 6220 - Alder/willow              | 27.8  | Yes          | Low                             |  |
| 192   | 3105 - Mixed Upland Herbaceous   | 4.8   | No           | Unspecified                     |  |
| 193   | 6220 - Alder/willow              | 6.8   | No           | Unspecified                     |  |
| 194   | 50 - Water                       | 34.0  | No           | Unspecified                     | B-pit  |
| 195   | 6220 - Alder/willow              | 21.0  | No           | Unspecified                     |  |
| 196   | 6224 - Treed Bog                 | 12.4  | No           | Unspecified                     |  |
| 198   | 3103 - Rubus-Fern                | 1.4   | No           | Unspecified                     |  |
| 199   | 710 - Sand, Soil                 | 2.5   | No           | Unspecified                     |  |
| 200   | 6229 - Mixed lowland shrub       | 35.1  | No           | Unspecified                     |  |
| 203   | 629 - Mixed non-forested wetland | 6.5   | Yes          | Unspecified                     |  |
| 207   | 629 - Mixed non-forested wetland | 3.2   | No           | Unspecified                     |  |
| 208   | 710 - Sand, Soil                 | 2.0   | No           | Unspecified                     |  |
| 210   | 3105 - Mixed Upland Herbaceous   | 13.1  | No           | Unspecified                     | Stand has scatted oak and pine. Looks like it is a failed harvest. |
| 213   | 310 - Herbaceous Openland        | 5.0   | No           | Unspecified                     |  |



| Stand | Cover Type                        | Acres | Managed Site | Management Priority (Objective) | General Comments:                             |
|-------|-----------------------------------|-------|--------------|---------------------------------|---|
| 216   | 6220 - Alder/willow               | 4.9   | No           | Unspecified                     |   |
| 219   | 6229 - Mixed lowland shrub        | 59.0  | No           | Unspecified                     |   |
| 222   | 622 - Lowland Shrub               | 1.9   | No           | Unspecified                     |   |
| 224   | 6220 - Alder/willow               | 2.6   | No           | Unspecified                     |   |
| 225   | 6229 - Mixed lowland shrub        | 9.2   | No           | Unspecified                     |   |
| 229   | 3102 - Grass                      | 3.1   | No           | Unspecified                     |   |
| 231   | 629 - Mixed non-forested wetland  | 8.7   | No           | Unspecified                     |   |
| 232   | 629 - Mixed non-forested wetland  | 1.5   | No           | Unspecified                     |   |
| 234   | 629 - Mixed non-forested wetland  | 53.4  | No           | Unspecified                     |   |
| 236   | 3301 - Low Density Deciduous Tree | 3.4   | No           | Unspecified                     |   |
| 238   | 6220 - Alder/willow               | 1.4   | No           | Unspecified                     |   |
| 239   | 6220 - Alder/willow               | 2.1   | No           | Unspecified                     |   |
| 244   | 3101 - Poverty Grass, Cladonia    | 2.9   | No           | Unspecified                     | Failed clearcut.                              |
| 246   | 622 - Lowland Shrub               | 19.1  | No           | Unspecified                     | North end looks to have a small upland ridge. |
| 247   | 3301 - Low Density Deciduous Tree | 8.1   | No           | Unspecified                     |   |
| 253   | 50 - Water                        | 1.2   | No           | Unspecified                     |   |
| 255   | 6229 - Mixed lowland shrub        | 8.6   | No           | Unspecified                     |   |
| 257   | 6225 - Bog                        | 3.4   | No           | Unspecified                     |   |



| Stand | Cover Type                       | Acres | Managed Site | Management Priority (Objective) | General Comments:                                   |
|-------|----------------------------------|-------|--------------|---------------------------------|---|
| 258   | 310 - Herbaceous Openland        | 45.2  | No           | Unspecified                     | Pipeline  |
| 259   | 3105 - Mixed Upland Herbaceous   | 25.7  | No           | Unspecified                     | stand has pockets of pines and scattered hardwoods. |
| 260   | 3103 - Rubus-Fern                | 5.2   | No           | Unspecified                     |   |
| 261   | 6220 - Alder/willow              | 16.4  | No           | Unspecified                     |   |
| 262   | 6220 - Alder/willow              | 53.7  | No           | Unspecified                     |   |
| 266   | 6229 - Mixed lowland shrub       | 2.7   | No           | Unspecified                     |   |
| 268   | 6220 - Alder/willow              | 2.5   | No           | Unspecified                     | There are some scattered tamarack, maple and ash.   |
| 269   | 623 - Emergent Wetland           | 29.5  | No           | Unspecified                     |   |
| 270   | 6220 - Alder/willow              | 5.6   | No           | Unspecified                     |   |
| 271   | 6220 - Alder/willow              | 29.3  | No           | Unspecified                     |   |
| 273   | 6225 - Bog                       | 7.3   | No           | Unspecified                     |   |
| 274   | 3103 - Rubus-Fern                | 9.4   | No           | Unspecified                     |   |
| 276   | 629 - Mixed non-forested wetland | 2.7   | No           | Unspecified                     |   |
| 277   | 6225 - Bog                       | 12.0  | No           | Unspecified                     |   |
| 278   | 622 - Lowland Shrub              | 11.0  | Unspecified  | Unspecified                     |   |
| 279   | 3303 - Mixed Low Density Trees   | 15.5  | No           | Unspecified                     |   |
| 281   | 6220 - Alder/willow              | 32.7  | No           | Unspecified                     |   |
| 283   | 6220 - Alder/willow              | 47.7  | No           | Unspecified                     |   |



| Stand | Cover Type                       | Acres | Managed Site | Management Priority (Objective) | General Comments:  |
|-------|----------------------------------|-------|--------------|---------------------------------|--|
| 284   | 6224 - Treed Bog                 | 12.0  | No           | Unspecified                     | The stand has some slight upland ridges. Overall the trees are scattered and the ground is wet.  |
| 287   | 6225 - Bog                       | 2.2   | No           | Unspecified                     |  |
| 289   | 3103 - Rubus-Fern                | 6.3   | No           | Unspecified                     |  |
| 291   | 6225 - Bog                       | 1.3   | No           | Unspecified                     |  |
| 293   | 6225 - Bog                       | 6.6   | No           | Unspecified                     |  |
| 294   | 622 - Lowland Shrub              | 9.5   | No           | Unspecified                     |  |
| 295   | 6220 - Alder/willow              | 39.8  | No           | Unspecified                     |  |
| 296   | 6229 - Mixed lowland shrub       | 53.4  | No           | Unspecified                     |  |
| 297   | 6225 - Bog                       | 6.3   | No           | Unspecified                     |  |
| 301   | 623 - Emergent Wetland           | 48.4  | No           | Unspecified                     |  |
| 303   | 122 - Road/Parking Lot           | 33.9  | No           | Unspecified                     | This is the grassy area along I-75.  |
| 303   | 122 - Road/Parking Lot           | 33.9  | No           | Unspecified                     | This is the grassy area along I-75.  |
| 306   | 6233 - Wet Meadow                | 5.2   | No           | Unspecified                     |  |
| 307   | 629 - Mixed non-forested wetland | 3.5   | No           | Unspecified                     |  |
| 310   | 629 - Mixed non-forested wetland | 2.5   | No           | Unspecified                     |  |
| 311   | 629 - Mixed non-forested wetland | 12.2  | No           | Unspecified                     | stand was cut with pre-inventory stand 295 but this was not planted because of wetness.  |
| 314   | 3103 - Rubus-Fern                | 15.8  | Plantation   | Jack Pine                       | FTP 73-833 direct seed. Currently there are a few red pine poles. The regeneration is coming in but at the currently time the crown closure is less than 25% |



| Stand | Cover Type                        | Acres | Managed Site | Management Priority (Objective) | General Comments:   |
|-------|-----------------------------------|-------|--------------|---------------------------------|---|
| 316   | 6225 - Bog                        | 3.1   | No           | Unspecified                     |   |
| 319   | 3303 - Mixed Low Density Trees    | 24.1  | No           | Unspecified                     | North end has planted jack pine. There is a steep ridge. the stand was recently harvested does not need to be replanted.  |
| 321   | 6225 - Bog                        | 4.6   | No           | Unspecified                     | Sheep lural and leather leaf some tree along the edges.   |
| 322   | 6225 - Bog                        | 1.1   | No           | Unspecified                     |   |
| 324   | 622 - Lowland Shrub               | 19.0  | Unspecified  | Unspecified                     |   |
| 325   | 6220 - Alder/willow               | 135.3 | No           | Unspecified                     |   |
| 326   | 6225 - Bog                        | 9.8   | No           | Unspecified                     |   |
| 328   | 3102 - Grass                      | 1.0   | No           | Unspecified                     |   |
| 329   | 6225 - Bog                        | 3.1   | No           | Unspecified                     | Stand has 5% crown closure of aspen and oak.  |
| 331   | 6233 - Wet Meadow                 | 4.9   | No           | Unspecified                     |   |
| 334   | 6220 - Alder/willow               | 1.7   | No           | Unspecified                     | Scattered ash over tag alder  |
| 337   | 6225 - Bog                        | 4.7   | No           | Unspecified                     |   |
| 338   | 6225 - Bog                        | 1.9   | No           | Unspecified                     |   |
| 339   | 6224 - Treed Bog                  | 2.1   | No           | Unspecified                     | Stand has 10-15% crown closure of stunted aspen, oak, and pine. Ground cover is sheep lural, leatherleaf and braken fern. |
| 340   | 3301 - Low Density Deciduous Tree | 12.0  | No           | Unspecified                     | The stand has low density oak. The ground cover has sweet fern. The terrain is a mixture of uplands and lowland.          |
| 341   | 6225 - Bog                        | 4.9   | No           | Unspecified                     | Sheep lural.  |
| 344   | 6224 - Treed Bog                  | 6.6   | No           | Unspecified                     | Stand has 10-15% crown closure of stunted aspen, oak, and pine. Ground cover is sheep lural, leatherleaf and braken fern. |



| Stand | Cover Type                        | Acres | Managed Site | Management Priority (Objective) | General Comments:   |
|-------|-----------------------------------|-------|--------------|---------------------------------|---|
| 345   | 6220 - Alder/willow               | 62.7  | No           | Unspecified                     | Stand has 10-15% crown closure of hybrid oak, paper birch, white oak and red maple. There is a small ridge in the stand.  |
| 346   | 6224 - Treed Bog                  | 1.6   | No           | Unspecified                     | Stand has a clump of aspen in the middle.   |
| 347   | 3102 - Grass                      | 3.2   | No           | Unspecified                     |   |
| 348   | 6225 - Bog                        | 1.6   | No           | Unspecified                     |   |
| 349   | 629 - Mixed non-forested wetland  | 8.7   | No           | Unspecified                     |   |
| 351   | 3302 - Low Density Conifer Trees  | 7.5   | Plantation   | Jack Pine                       | Planted jack pine about 5' tall. Currently the stand has 15% crown closure. The jack pine is mixed with oak saplings.   |
| 352   | 3301 - Low Density Deciduous Tree | 2.0   | No           | Unspecified                     | this is a ridge with sparse aspen.  |
| 353   | 629 - Mixed non-forested wetland  | 7.5   | No           | Unspecified                     | The stand is a mixture of uplands and lowlands. Currently the stand is about 35% marsh grass, 5% braken fern, 15% sweet fern, 5% reed grass and the rest is lowland herb. |
| 356   | 6220 - Alder/willow               | 6.4   | No           | Unspecified                     |   |
| 357   | 629 - Mixed non-forested wetland  | 5.4   | No           | Unspecified                     | The stand is a 50/50 mix of tag alder/ willow and marsh.  |
| 358   | 6225 - Bog                        | 2.1   | No           | Unspecified                     |   |
| 361   | 6225 - Bog                        | 34.2  | No           | Unspecified                     | Stand has low quality aspen clones  |
| 362   | 2112 - Row Crops                  | 2.6   | No           | Unspecified                     | Possible trespass of farmer to the south.   |
| 363   | 6225 - Bog                        | 3.0   | No           | Unspecified                     |   |
| 364   | 6220 - Alder/willow               | 29.7  | No           | Unspecified                     | Tag alder is dense and tall. Its over 10' tall.   |
| 365   | 622 - Lowland Shrub               | 14.9  | No           | Unspecified                     |   |
| 366   | 3105 - Mixed Upland Herbaceous    | 39.8  | Yes          | Low                             | The stand does have some small knobs of uplands.  |



| Stand | Cover Type                       | Acres | Managed Site | Management Priority (Objective) | General Comments:  |
|-------|----------------------------------|-------|--------------|---------------------------------|--|
| 369   | 622 - Lowland Shrub              | 5.7   | No           | Unspecified                     |  |
| 370   | 6220 - Alder/willow              | 6.3   | No           | Unspecified                     | stand is a dense tag alder and willow stand.   |
| 372   | 629 - Mixed non-forested wetland | 25.2  | No           | Unspecified                     | The stand is a mixture of leather leaf and tag alder with about 15% Crown closure of maple, ash, tamarack.                                 |
| 373   | 2112 - Row Crops                 | 2.8   | No           | Unspecified                     | Possible trespass of farmer to the south.  |
| 375   | 623 - Emergent Wetland           | 1.4   | No           | Unspecified                     |  |
| 377   | 330 - Low-Density Trees          | 2.8   | No           | Unspecified                     | Crown closure is around 20%  |
| 379   | 6225 - Bog                       | 21.7  | No           | Unspecified                     | There are some scattered pocket of trees but not enough to call it a treed bog.  |
| 385   | 3104 - Degraded                  | 9.8   | No           | Unspecified                     | The stand has been degraded vehicles exposing mineral soil.  |
| 388   | 622 - Lowland Shrub              | 4.0   | No           | Unspecified                     | The stand looks to have about a component of swamp hardwoods but overall still a lowland shrub type.                                       |
| 391   | 623 - Emergent Wetland           | 2.6   | No           | Unspecified                     |  |
| 393   | 622 - Lowland Shrub              | 6.9   | No           | Unspecified                     | The stand appears have been part of a beaver pond around 1998. It has since drained and is not some what dry and made up of low and shubs. |
| 396   | 622 - Lowland Shrub              | 2.3   | No           | Unspecified                     |  |
| 398   | 6229 - Mixed lowland shrub       | 9.8   | No           | Unspecified                     | the stand is a mix of sheep laural and alder   |
| 399   | 622 - Lowland Shrub              | 4.6   | Unspecified  | Unspecified                     |  |
| 405   | 622 - Lowland Shrub              | 0.8   | No           | Unspecified                     |  |
| 407   | 310 - Herbaceous Openland        | 6.8   | Unspecified  | Unspecified                     |  |
| 416   | 6225 - Bog                       | 2.5   | No           | Unspecified                     |  |



| Stand | Cover Type                        | Acres | Managed Site | Management Priority (Objective) | General Comments:   |
|-------|-----------------------------------|-------|--------------|---------------------------------|---|
| 421   | 6220 - Alder/willow               | 2.4   | No           | Unspecified                     |   |
| 423   | 622 - Lowland Shrub               | 2.9   | No           | Unspecified                     | The stand was harvested in 2002. It is low and wet and the stand did not regenerate.  |
| 427   | 622 - Lowland Shrub               | 1.1   | No           | Unspecified                     |   |
| 429   | 6225 - Bog                        | 1.5   | No           | Unspecified                     |   |
| 430   | 6225 - Bog                        | 6.1   | No           | Unspecified                     |   |
| 502   | 3103 - Rubus-Fern                 | 5.9   | Unspecified  | Unspecified                     | Bracken with few small marsh patches. < 15% red maple residual saps from clearcut (C. 2005- no record). May need to plant next YOE. Easternmost acre is oak ridge and wasn't cut. |
| 503   | 3301 - Low Density Deciduous Tree | 1.1   | Plantation   | High                            |   |
| 504   | 6220 - Alder/willow               | 2.0   | Unspecified  | Unspecified                     |   |
| 505   | 6230 - Cattail                    | 7.9   | Unspecified  | Unspecified                     | Actually marsh- 6230, but cannot enter level 3 call.  |
| 506   | 6220 - Alder/willow               | 8.2   | Unspecified  | Unspecified                     | Tall willow except southernmost 1.5 ac alder  |
| 508   | 6220 - Alder/willow               | 6.1   | Unspecified  | Unspecified                     | Mostly willow and some alder  |
| 509   | 3103 - Rubus-Fern                 | 2.4   | Unspecified  | Unspecified                     | Few large oak, and WP saps.   |
| 512   | 6220 - Alder/willow               | 1.3   | Unspecified  | Unspecified                     | tall tag alder  |
| 513   | 3103 - Rubus-Fern                 | 2.0   | Unspecified  | Unspecified                     |   |
| 514   | 6225 - Bog                        | 3.1   | Unspecified  | Unspecified                     | 30% marsh   |
| 515   | 6233 - Wet Meadow                 | 1.0   | Unspecified  | Unspecified                     | pure marsh  |
| 516   | 6220 - Alder/willow               | 25.8  | Unspecified  | Unspecified                     | Dense tag alder and willow, scattered trees (10% cover) at NW end. Area of almost pure, tall willow south of stand 16.  |



| Stand | Cover Type                     | Acres | Managed Site | Management Priority (Objective) | General Comments:  |
|-------|--------------------------------|-------|--------------|---------------------------------|--|
| 517   | 3103 - Rubus-Fern              | 5.1   | Unspecified  | Unspecified                     | 20-25% shallow L type.   |
| 519   | 6239 - Mixed Emergent Wetland  | 8.5   | Unspecified  | Unspecified                     | 50% bog, 30% marsh, 20% bracken. Few clumps of trees too small to delineate.                             |
| 521   | 3103 - Rubus-Fern              | 2.7   | Unspecified  | Unspecified                     | 25% sedge upland   |
| 522   | 3105 - Mixed Upland Herbaceous | 15.3  | Unspecified  | Unspecified                     | Mostly bracken with sedge, grass and some bog and marsh.   |
| 523   | 623 - Emergent Wetland         | 8.9   | Unspecified  | Unspecified                     |  |
| 524   | 6225 - Bog                     | 1.1   | Unspecified  | Unspecified                     |  |
| 525   | 6220 - Alder/willow            | 28.4  | Unspecified  | Unspecified                     | Moderately dense, large willow- 90%. Some alder in NW corner.  |
| 526   | 6239 - Mixed Emergent Wetland  | 14.2  | Unspecified  | Unspecified                     | 60% marsh, 40% willow 5 ft tall.   |
| 527   | 6220 - Alder/willow            | 13.4  | Unspecified  | Unspecified                     | moderate density tag alder average 8 ft high.  |
| 528   | 6220 - Alder/willow            | 30.5  | Unspecified  | Unspecified                     | Tall alder. Low density lowland trees at SW corner.  |
| 529   | 3103 - Rubus-Fern              | 12.1  | Yes          | High                            |  |
| 530   | 6239 - Mixed Emergent Wetland  | 5.7   | Unspecified  | Unspecified                     | 59% L, 35% N, 5% maple seedlings   |
| 531   | 3103 - Rubus-Fern              | 7.8   | Yes          | High                            |  |
| 532   | 3103 - Rubus-Fern              | 3.8   | Unspecified  | Unspecified                     | Failed aspen clearcut c. 1995. Shallow depressions with marsh, moss (25%).                               |
| 533   | 6220 - Alder/willow            | 2.8   | Unspecified  | Unspecified                     |  |
| 534   | 6229 - Mixed lowland shrub     | 1.0   | Unspecified  | Unspecified                     | Bog with 45 % willow and few young maple   |
| 537   | 3103 - Rubus-Fern              | 6.4   | Unspecified  | Unspecified                     | Failed clearcut from C. 1995 or earlier: marsh/lowland shrub @ N end, shallow wet depressions in places. |



| Stand | Cover Type                        | Acres | Managed Site | Management Priority (Objective) | General Comments:  |
|-------|-----------------------------------|-------|--------------|---------------------------------|--|
| 538   | 6220 - Alder/willow               | 10.2  | Unspecified  | Unspecified                     | Nearly pure willow (>90%), vs. adjacent stand 37, which is mostly alder.                                       |
| 540   | 6220 - Alder/willow               | 15.0  | Unspecified  | Unspecified                     | TA/Willow w/ scattered RM and QA (10%). Succeeding to lowland hardwoods, about 1 ac at far east end is E type. |
| 543   | 3103 - Rubus-Fern                 | 7.7   | Unspecified  | Unspecified                     | Portion of aspen CC failed.  |
| 544   | 6220 - Alder/willow               | 12.8  | Unspecified  | Unspecified                     | Almost pure willow about 7 ft tall.  |
| 547   | 3103 - Rubus-Fern                 | 2.0   | Unspecified  | Unspecified                     | Portion of aspen CC failed.  |
| 549   | 6220 - Alder/willow               | 1.7   | Unspecified  | Unspecified                     | Tall TA  |
| 554   | 623 - Emergent Wetland            | 20.3  | Unspecified  | Unspecified                     | Level 4 call would be 623: doesn't class out as any level 4 type.  |
| 555   | 629 - Mixed non-forested wetland  | 3.0   | Unspecified  | Unspecified                     | 5-10% trees. 30-40% upland (bracken). Also tag alder.  |
| 556   | 2113 - Forage Crops               | 3.4   | Yes          | Unspecified                     | Managed grass opening. Combination of grasses and broadleaf crops. In fair condition.                          |
| 562   | 3301 - Low Density Deciduous Tree | 2.6   | Unspecified  | Unspecified                     | NW corner is bog   |
| 564   | 6220 - Alder/willow               | 4.0   | Unspecified  | Unspecified                     | Tall willow and alder with about 10% aspen, ash, tam   |
| 565   | 6220 - Alder/willow               | 2.2   | Unspecified  | Unspecified                     | Large willow, alder, sparsely treed at N end.  |
| 568   | 6220 - Alder/willow               | 1.3   | Unspecified  | Unspecified                     | Willows in center and tag alder.   |
| 570   | 3103 - Rubus-Fern                 | 1.1   | Unspecified  | Unspecified                     | Bracken, rubus, sweet fern, few BTA, oak   |
| 572   | 6225 - Bog                        | 93.3  | Unspecified  | Unspecified                     | Blueberry /leatherleaf w./ sedges: very low ridge at N end. Willow along edge of ridge.                        |
| 574   | 3102 - Grass                      | 1.3   | Unspecified  | Unspecified                     |  |
| 575   | 6225 - Bog                        | 3.3   | Unspecified  | Unspecified                     | 1/4 ac bracken in North central portion of stand.  |



| Stand | Cover Type                        | Acres | Managed Site | Management Priority (Objective) | General Comments:  |
|-------|-----------------------------------|-------|--------------|---------------------------------|--|
| 576   | 629 - Mixed non-forested wetland  | 6.1   | Unspecified  | Unspecified                     | 45% bog, 25% marsh, 30% bracken  |
| 577   | 6220 - Alder/willow               | 7.9   | Unspecified  | Unspecified                     | Willows in center, wide TA strip along edges, small grass area along N edge.                                 |
| 578   | 6225 - Bog                        | 1.0   | Unspecified  | Unspecified                     | Diverse with blueberry, some upland grass and shrubs, scattered aspen and red maple.                         |
| 583   | 6220 - Alder/willow               | 8.2   | Unspecified  | Unspecified                     | Willow 2-3 ft tall. Few large Tam, 5-10% bracken.  |
| 586   | 6224 - Treed Bog                  | 4.5   | Unspecified  | Unspecified                     | PO, RP, JP, RM, WP   |
| 587   | 11 - Low Intensity Urban          | 7.9   | Unspecified  | Unspecified                     | 15% marsh  |
| 588   | 6224 - Treed Bog                  | 4.7   | Unspecified  | Unspecified                     | Filling in with white pine   |
| 591   | 6220 - Alder/willow               | 1.9   | Unspecified  | Unspecified                     | Very wet. Tall, mature willow, winterberry with some ash, maple.   |
| 592   | 6225 - Bog                        | 1.6   | Unspecified  | Unspecified                     |  |
| 597   | 6225 - Bog                        | 5.3   | Unspecified  | Unspecified                     | Nearly a treed bog: S end and E edge would be. Also lot of winterberry at S end and along E edge.            |
| 599   | 3105 - Mixed Upland Herbaceous    | 13.6  | Unspecified  | Unspecified                     | Pipeline clearing with road. 55% grass, sedge. 10% bracken. 20% willow, 15% forbs, weeds.                    |
| 601   | 6225 - Bog                        | 3.3   | Unspecified  | Unspecified                     | 20-25% lowland shrubs  |
| 606   | 3103 - Rubus-Fern                 | 1.2   | No           | Unspecified                     | 56% bracken, 42% sweet fern, 2% rubus  |
| 609   | 3301 - Low Density Deciduous Tree | 1.5   | No           | Unspecified                     | BO, RM and tr of QA, PB. Some TA: 70% upland.  |
| 613   | 2113 - Forage Crops               | 2.2   | Yes          | Unspecified                     | Planted opening: appears to be grain at S end and possibly soy at north end. 50% crops, 20% bare, 30% weeds. |
| 614   | 3103 - Rubus-Fern                 | 4.2   | No           | Unspecified                     | 45% bracken, 42% sweet fern, 3% raspberry, 4% trees (oak, maple, birch, JP)                                  |
| 615   | 6220 - Alder/willow               | 2.5   | Unspecified  | Unspecified                     | Willow   |



| Stand | Cover Type                        | Acres | Managed Site  | Management Priority (Objective) | General Comments:  |
|-------|-----------------------------------|-------|---------------|---------------------------------|--|
| 623   | 6220 - Alder/willow               | 7.0   | Unspecified   | Unspecified                     | 5-10% maple, trace of ash. Large, tall alder.                                    |
| 626   | 6224 - Treed Bog                  | 3.3   | Unspecified   | Unspecified                     | Tamarack in bog  |
| 627   | 6233 - Wet Meadow                 | 6.5   | Unspecified   | Unspecified                     | Alder and trace of maple around edges.   |
| 631   | 6225 - Bog                        | 23.8  | Unspecified   | Unspecified                     |  |
| 632   | 6224 - Treed Bog                  | 1.4   | Unspecified   | Unspecified                     | Tam, Birch, RM   |
| 636   | 3103 - Rubus-Fern                 | 1.1   | Unspecified   | Unspecified                     | 65% bracken, 35% grass   |
| 645   | 6233 - Wet Meadow                 | 8.8   | Unspecified   | Unspecified                     |  |
| 648   | 6233 - Wet Meadow                 | 7.6   | Unspecified   | Unspecified                     | 20-25% floating aquatic at SW end.   |
| 649   | 6220 - Alder/willow               | 3.1   | Unspecified   | Unspecified                     | Heavy tall TA with few birch.  |
| 651   | 6233 - Wet Meadow                 | 4.9   | Unspecified   | Unspecified                     | Sedges/rushes with alder around edges  |
| 652   | 6230 - Cattail                    | 2.1   | Unspecified   | Unspecified                     | Cattails with alder around edges.  |
| 654   | 50 - Water                        | 3.7   | Unspecified   | Unspecified                     | Pond surrounded with rushes and tag alder.                                       |
| 655   | 3301 - Low Density Deciduous Tree | 2.7   | Unspecified   | Unspecified                     | upland, vs. st 140 which is lowland.   |
| 656   | 3104 - Degraded                   | 2.3   | Unspecified   | Unspecified                     | Degraded. Storage tank site with knapweed and bare sand. 2 tanks.                |
| 657   | 6233 - Wet Meadow                 | 1.6   | Unspecified   | Unspecified                     | southern <1 acre is well pad with well.  |
| 658   | 3102 - Grass                      | 3.2   | Unspecified   | Unspecified                     | Well pad and oil facilities: 60% grass and weeds, 40% bare and gravel road.      |
| 659   | 6230 - Cattail                    | 8.4   | Unspecified   | Unspecified                     | pure cattails  |
| 660   | 3303 - Mixed Low Density Trees    | 13.1  | Natural Regen | Aspen                           | Clearcut 2005 Lucas to Ward sale. Regenerating fairly well to JP, oak and aspen. |



| Stand | Cover Type          | Acres | Managed Site | Management Priority (Objective) | General Comments:                                   |
|-------|---------------------|-------|--------------|---------------------------------|---|
| 661   | 6225 - Bog          | 5.7   | Unspecified  | Unspecified                     | Pure Bog: mostly leatherleaf                        |
| 662   | 6220 - Alder/willow | 3.0   | Unspecified  | Unspecified                     | Alder and winterberry with scattered trees on edge. |
| 664   | 6230 - Cattail      | 1.5   | Unspecified  | Unspecified                     |   |