



Compartment Review Presentation

Gladwin Forest Management Unit

Compartment 73138

Entry Year: 2028

Acreage: 1,385

County: Arenac

Management Area: Gladwin Lake Plain

Stand Examiner: Steve Nyhoff

Legal Description:

T20N-R07E Sections 2, 3, 4, 9, 10, & 11

Identified Planning Goals:

Vegetation management in the Gladwin Lake Plain management area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique character including the Rifle River, a designated natural river; the Lame Duck Foot Access Area, a high conservation value area; several wildlife area floodings; threatened, endangered and special concern species; and provide for forest-based recreational uses. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunities. In the compartment the ash was a large component of the canopy. Therefore, the ash die-off because of EAB, followed by ash salvage cuts has treated most of the accessible portions. These harvests have not regenerated well. This is impart due to deer browse, poor tree health, high water table, and the thick ground cover of marsh sedge that hinders regeneration. The rest of the compartment is factor limited being blocked by physical obstacles, access across private is unknown, or too wet. These untreated areas also had the ash die off as well as some windthrow. This has thinned the crowns making canopy gaps. These canopy gaps are regenerating with red maple and ash. Therefore, because of the above factors there are no scheduled treatments this year of entry.

Soil and topography:

The compartment has three major soil types. First is the Roscommon-AuGres association. Which is mainly level to gently undulating. It is somewhat poorly drained to very poorly drained deep sands. The next is Wisner-Sims association. Which is Level or nearly level. It is poorly drained to very poorly drained soils formed in clay loam. Lastly there is Tawas-Carbondale association. Which is a shallow to deep, very poorly drained, organic soils in level depressional areas

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

The Compartment is one large, generally contiguous, parcel of State ownership. Approximately one fifth of the Compartment borders State Forestland to the north in Iosco County. The other three fifths are surrounded by private property consisting of mainly farmland and hunting land.

Unique Natural Features:

There is a known occurrence of Red-shouldered Hawk (*Buteo lineatus*), a Michigan Threatened species, within the Compartment. The Michigan Natural Features Inventory database indicates no other known occurrences of unique natural features

Archeological, Historical, and Cultural Features:

The database indicates there are no known archeological, historical, or cultural features within the Compartment.

Special Management Designations or Considerations:

The East Branch of the Au Gres River is a Special Conservation Area (SCA); noted as a high priority trout stream.

Watershed and Fisheries Considerations:

The East Branch of the Au Gres River flows south through the western portion of the Compartment, where it eventually discharges to the Whitney Drain. Whitney Drain flows east and discharges to Lake Huron.

Wildlife Habitat Considerations:

The compartment contains a variety of vegetative types, making it suitable for several wildlife species. Lowland hardwood systems are dominant. Game species likely to be present in this compartment include black bear, bobcat, raccoon, coyote, 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 include common yellowthroat, yellow-rumped warbler, gray catbird, redbreasted vireo, white-throated sparrow, hermit thrush, red-breasted nuthatch, ruffed grouse, and American woodcock. The compartment has limited access but is accessible to hunters via Andrews Road

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial development of metallic minerals in this part of the state. An active commercial aggregate operation is known to exist roughly one mile southeast of the compartment. It appears the site may produce sand & gravel from glacial drift and crushed stone from bedrock limestone. In addition, gypsum used to be mined less than two miles northeast of the compartment. Bedrock is near the surface in places within the compartment, and there may be potential for additional production of limestone and/or gypsum from within the compartment. Presence of wetlands and a shallow water table could inhibit surface mining in the compartment. The nearest oil & gas production, past or present, is more than three miles away. There has been no recent well permit activity in the area, and there is no current leasing activity involving State-owned mineral rights. Potential for any oil & gas development within the compartment in the near future is considered low.

Vehicle Access:

Access to the compartment is off Andrews Road via a poor dirt road that runs west to a State-owned gate and continues into the interior of the Compartment. The Compartment's organic soils, that are wet most of the year, restrict access from the east. Access from the west is restricted by the East Branch of the Au Gres River. To access the north requires crossing private land.

Survey Needs:

None during this YOE.

Recreational Facilities and Opportunities:

The Compartment offers primarily firearm and archery deer hunting opportunities.

Fire Protection:

The Compartment is comprised of mostly lowland hardwoods and is wet most of the year. It therefore has a lower wildfire risk. However, given the Compartment's limited access and organic soil, wildfire could prove difficult to rapidly suppress and may require significant mop up to extinguish ground fires

Additional Compartment Information:

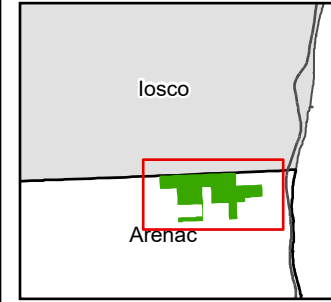
The following reports from the Inventory are attached:

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

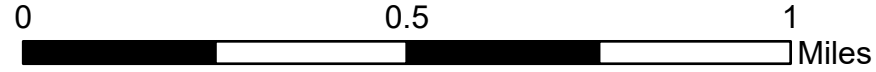
The following information is displayed, where pertinent, on the attached compartment maps:

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

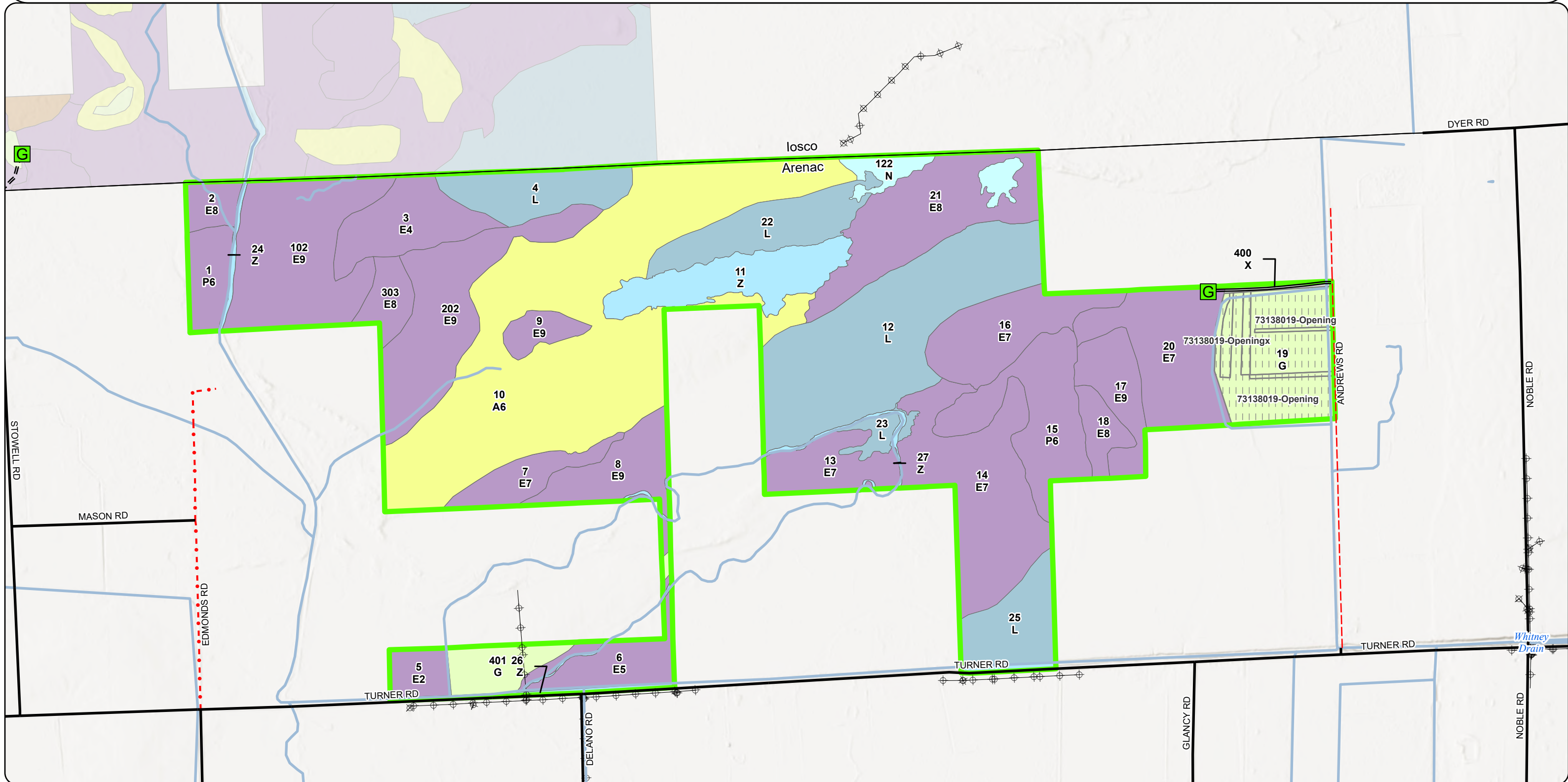
Cover Type & Treatments Map



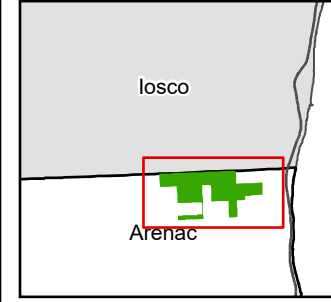
Compartment: 73138
 T20N R07E Sec. 2-4,9-11
 County: Arenac
 Unit: Gladwin
 Mgmt. Area: Gladwin Lake Plain
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 Acres: 1,385 GIS Calculated
 Examiner: Steve Nyhoff
 Date Exported: 05/21/2026
 Map Phase: Web Post



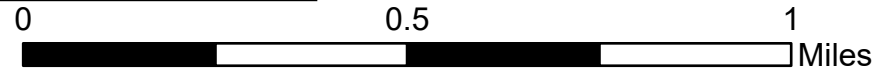
- G Gate
- Streams
- 611 - Lowland Deciduous Forest
- Lakes and Rivers
- 110 - Low Intensity Urban
- = DNR - Secondary Forest Road
- Electric
- 310 - Herbaceous Openland
- = DNR - Forest Access Route
- ▭ Compartment Boundary
- 622 - Lowland Shrub
- Federal / State / County - Paved Road
- ▭ Openings Mgmt.
- - - County - Gravel Road
- 413 - Aspen
- - - County - Dirt Road (Seasonal)
- 500 - Water
- 623 - Emergent Wetland



Stand Boundary Map

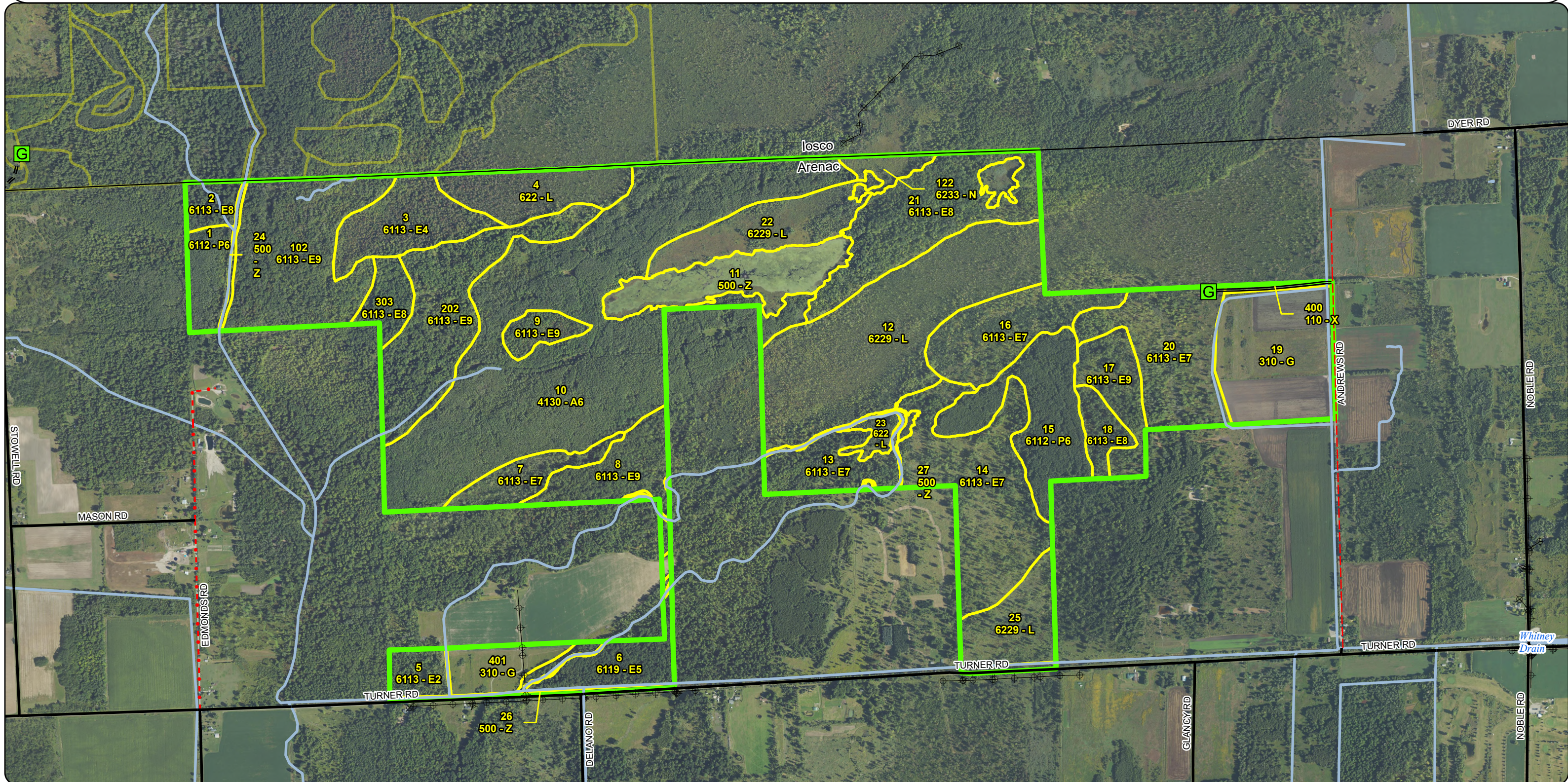


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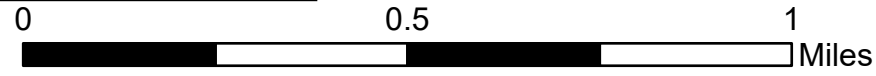
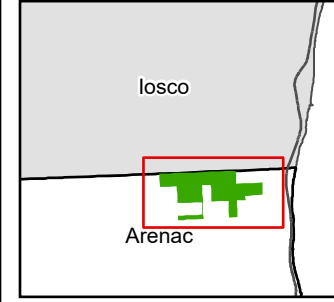
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- Streams
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- Compartment Boundary
 - Compartment Stand Yellow Outline (PD)
- | | |
|--------------------------------|--------------------------------|
| 413 - Aspen | 413 - Aspen |
| 500 - Water | 500 - Water |
| 611 - Lowland Deciduous Forest | 611 - Lowland Deciduous Forest |
| 110 - Low Intensity Urban | 110 - Low Intensity Urban |
| 310 - Herbaceous Openland | 310 - Herbaceous Openland |
| 622 - Lowland Shrub | 622 - Lowland Shrub |
| 623 - Emergent Wetland | 623 - Emergent Wetland |

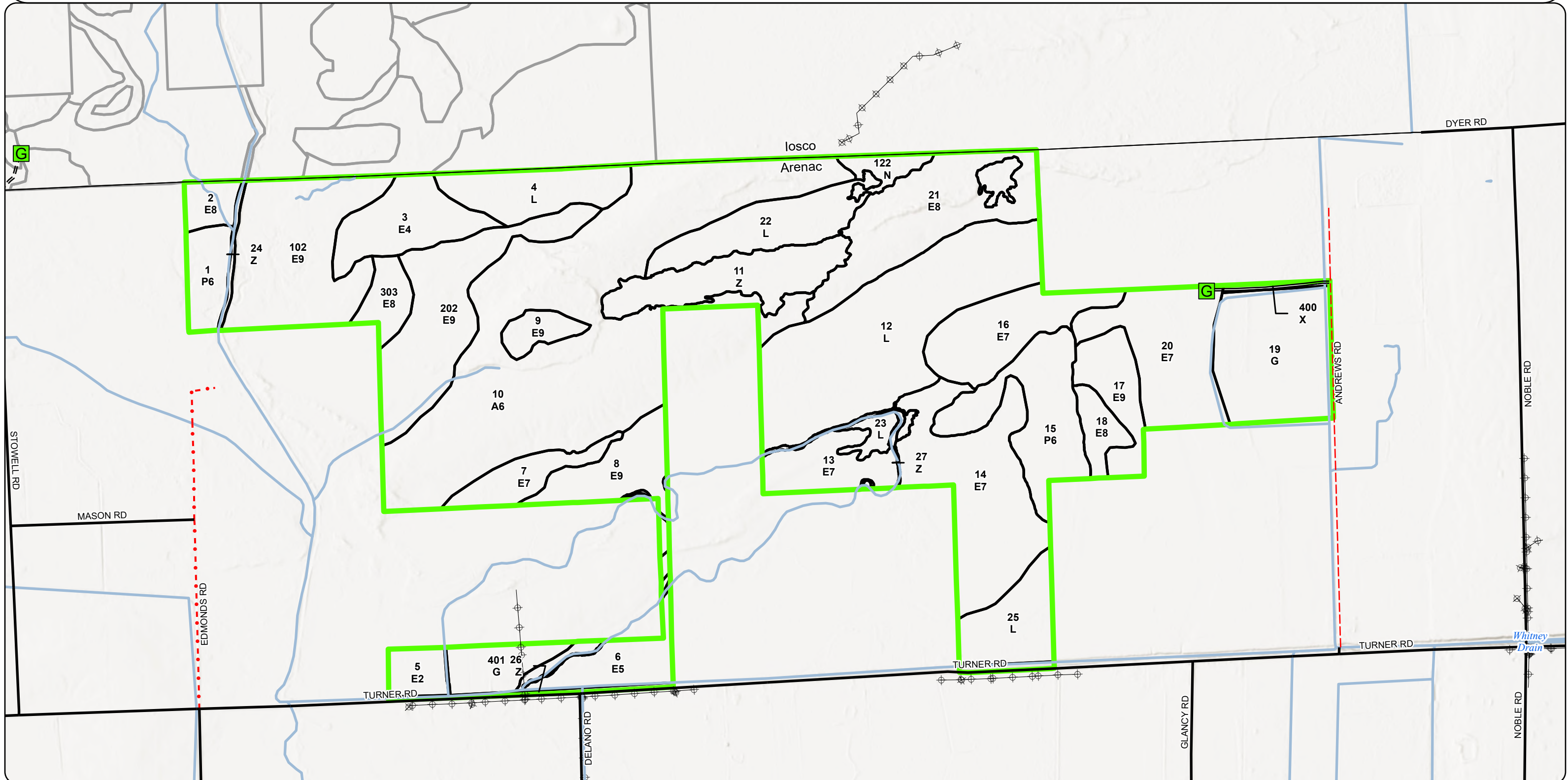


**Special Conservation Areas
& Site Conditions Map**

Compartment: 73138
 T20N R07E Sec. 2-4,9-11
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- ... County - Gravel Road
- Compartment Boundary
- + Electric



Report 1 – Total Acres by Cover Type and Age Class



Age Class

| | Non-Forest | 0-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 100-109 | 110-119 | 120-129 | 130-139 | 140-149 | 150+ | Uneven-Aged | Total |
|-----------------------------|------------|----------|----------|-----------|------------|----------|----------|-----------|----------|-----------|-----------|------------|-----------|----------|----------|----------|----------|-------------|-------------|
| Aspen | 0 | 0 | 0 | 0 | 259 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 259 |
| Herbaceous Openland | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 |
| Lowland Aspen/Balsam Poplar | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 |
| Lowland Deciduous | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 28 | 0 | 26 | 33 | 310 | 72 | 0 | 0 | 0 | 0 | 161 | 642 |
| Lowland Shrub | 246 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 246 |
| Marsh | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Urban | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Water | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| Total | 412 | 0 | 0 | 12 | 331 | 0 | 0 | 28 | 0 | 26 | 33 | 310 | 72 | 0 | 0 | 0 | 0 | 161 | 1385 |



Report 2 – Treatment Summary

Gladwin Mgt. Unit
Year of Entry: 2028

Acres of Harvest

Compartment 138
Total Compartment Acres: 1,385

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

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|--------------|----------|-----------|----------|----------|----------|-----------|------------|----------|-----------------|-------------|
| Current | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| Next Step | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 470 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 538 |



| Stand Name | Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|------------|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
| | | | | | | | | | | | |

Proposed Treatments:

| | | | | | | | | | | | |
|---|--------------------------|------|---------------------------|----|--|--|----------------|----------------|--------------------------------|--------------------|----|
| 19 | 73138019-Opening | 58.0 | 310 - Herbaceous Openland | 99 | | | Openings Mgmt. | Openings Mgmt. | 3105 - Mixed Upland Herbaceous | Previous Inventory | No |
| <p><u>Prescription</u> Preform WLD maintenance. <u>Specs:</u> <u>Next Step</u> Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Herbicide; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt.; <u>Treatments:</u> Openings Mgmt., Interseeding; Openings Mgmt., Other - Specify; Openings Mgmt., Mowing <u>Acceptable Regen:</u> <u>Other Comment:</u> Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing. <u>Site Condition:</u> Proposed Start Date: 10/01/2027</p> | | | | | | | | | | | |
| 19 | 73138019-Openingx | 9.2 | 310 - Herbaceous Openland | 99 | | | Openings Mgmt. | Openings Mgmt. | 414 - Other Upland Deciduous | Planting Record | No |
| <p><u>Prescription</u> Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing. <u>Specs:</u> <u>Next Step</u> Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Herbicide; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt.; <u>Treatments:</u> Openings Mgmt., Interseeding; Openings Mgmt., Other - Specify; Openings Mgmt., Mowing <u>Acceptable Regen:</u> no regeneration is desired. <u>Other Comment:</u> Percent to Treat = 100% <u>Site Condition:</u> Proposed Start Date: 10/01/2027</p> | | | | | | | | | | | |

Total Treatment Acreage Proposed: 67.2

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff: Examiner

Compartment: 138
Year of Entry: 2028



Availability for Management

| Total Acres | Acres Available | Acres Avail | | Dominant Site Conditions | 5B | 2A | 2G | 2H |
|----------------|--------------------|----------------|---------------|-----------------------------|-----|-----|-----|----|
| | | With Condition | Not Available | | | | | |
| 259 | 0 | 0 | 259 | Aspen | | 259 | | |
| 88 | 88 | 0 | 0 | Herbaceous Openland | | | | |
| 72 | 54 | 0 | 18 | Lowland Aspen/Balsam Poplar | | | | 18 |
| 637 | 0 | 166 | 471 | Lowland Deciduous | 166 | 150 | 311 | 11 |
| 246 | 246 | 0 | 0 | Lowland Shrub | | | | |
| 15 | 15 | 0 | 0 | Marsh | | | | |
| 3 | 3 | 0 | 0 | Urban | | | | |
| 51 | 47 | 0 | 4 | Water | | | 4 | |
| 1,370 | 452 | 166 | 752 | Total Forested Acres | 166 | 408 | 315 | 29 |
| | 33% | 12% | 55% | Relative Percent | | | | |

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

| Site No. | Dominant Site Cond Availability | Dominant Site Condition | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|------------------|---------------------------------|--|-------|----------------------|---|----------------------|----------------------|
| 1 | Unavailable | 2A: Adjacent landowner denied access | 322 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 2 | Unavailable | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 29 | 2E: Road needed | 2B: Unknown if access through adjacent landowner(s) is possible | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 3 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 86 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff: Examiner

Compartment: 138
Year of Entry: 2028



| | | | | | | | |
|------------------|-------------|---|-----|--|-----------------|-------------|-------------|
| 4 | Unavailable | 2A: Adjacent landowner denied access | 12 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 5 | Available | 5B: Maintain for regeneration purposes | 166 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 9 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 11 | 5C: Delay treatment for age/size class diversity or exceptional site quality | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 10 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 88 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 102 | Unavailable | 2A: Adjacent landowner denied access | 74 | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 2E: Road needed | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 103 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 8 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff: Examiner

Compartment: 138
Year of Entry: 2028



| | | | | | | | |
|------------------|-------------|---|-----|-----------------|--------------------------------------|-------------|-------------|
| 202 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 123 | 2E: Road needed | 2A: Adjacent landowner denied access | Unspecified | Unspecified |
| Comments: | | | | | | | |

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

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

Comments



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|---|--------------|--------------------|----------|--------------|---|-----------------|----------------|--------------|-------------|-------------|---|------|--------------------|-------------|-------------|-----------------|----------------|--------------|-------------|-------------|--|------|--------------------|-------------|-------------|---------------|-------------|-------------|--------------|--------------|---|-----|--------------------|--------------|-----------------|------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 | 6112 - Lowland Aspen | Poletimber Well | 18.4 | 38 | 111-140 | N/A | The stand is heavy to trembling aspen with a fair amount of bigtooth. The soil under the stand is Tonkey, which is a fine sandy loam with up to 12" of muck at the surface. The stand is now a pole stand but a little on the small side. It is better to wait 10 years. The stand was harvested in 1990 in Edmonds Rd, sale 73-050-88-01. It was accessed from the south by crossing the private landowner. It may be accessible from the north through state land. Any harvest will need to be done in dry/frozen conditions because of the soil. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Basswood</td> <td>2</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>8</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Pole</td> <td>8</td> <td>38</td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Pole</td> <td>7</td> <td>38</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Basswood | 2 | Sapling/Pole | 4 | | Red Maple | 5 | Pole/Sapling | 5 | | Sugar Maple | 8 | Pole/Sapling | 5 | | Bigtooth Aspen | 15 | Pole | 8 | 38 | Quaking Aspen | 70 | Pole | 7 | 38 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>10 - 20 feet</td> </tr> <tr> <td>Ash (spp.)</td> <td>Low</td> <td>10 - 20 feet</td> <td>10 - 20 feet</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | 10 - 20 feet | 10 - 20 feet | Ash (spp.) | Low | 10 - 20 feet | 10 - 20 feet |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 2 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 8 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 15 | Pole | 8 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 70 | Pole | 7 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ash (spp.) | Low | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 6113 - Lowland Maple | Sawtimber Medium | 10.7 | 105 | 51-80 | N/A | The stand was thinned with compartment 145 in sale 73-019-02-01, Riverside Harvest in 2003. The harvest took place during frozen conditions. The stand has significant regeneration of ash. Most of the regeneration is green ash but some black ash is also present. The density is high enough to have a harvest, but it is better to wait 10 years and cut it with stand 1. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swamp White Oak | 3 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 7 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 90 | Log/XLog | 17 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Low | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swamp White Oak | Low | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ash (spp.) | High | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 6113 - Lowland Maple | Poletimber Poor | 37.9 | 105 | 1-50 | N/A | The stand is on very wet Carbondale Muck soil. The over story has many snags, and trees with broken or dead tops and significant rot. Most of those standing dead are mature size ash trees that have succumbed to EAB, most have fallen. What trees are left are mainly maple that have broken tops. There are also many windthrown trees. The crown closure is now just above 25%. The brush in the stand is heavy to tag alder with some dogwood and Michigan holly. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>100</td> <td>Log/Pole</td> <td>10</td> <td>105</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 100 | Log/Pole | 10 | 105 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Dogwood (spp.)</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Michigan Holly</td> <td>High</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Dogwood (spp.) | Low | 5 - 10 feet | 5 - 10 feet | Michigan Holly | High | 5 - 10 feet | 5 - 10 feet | Tag Alder | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 100 | Log/Pole | 10 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dogwood (spp.) | Low | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Michigan Holly | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 622 - Lowland Shrub | None | 34.7 | | | No | The stand is on very wet Carbondale Muck soil. The over story is now almost entirely made up of snags. There are a few live trees in the west end but most of the mature trees are dead. The brush in the stand is heavy to tag alder with some dogwood and Michigan holly. There are scattered ash and maple seedlings but not much. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Dogwood (spp.)</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Michigan Holly</td> <td>High</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | | Size | Dogwood (spp.) | Low | 5 - 10 feet | 5 - 10 feet | Michigan Holly | High | 5 - 10 feet | 5 - 10 feet | Tag Alder | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dogwood (spp.) | Low | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Michigan Holly | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6113 - Lowland Maple | Sapling Medium | 12.3 | 20 | 1-50 | N/A | This stand has been harvested in Whitney Drain - Sale 73-015-05-02. The sale closed on 4/2/2006. The ground is heavily disturbed but not rutted. The harvest had the tops scattered. It looks sparse after the harvest because many larger diameter trees were removed. The regeneration is coming in well. It is heavy to ash and maple with some quaking aspen. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| American Elm | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 28 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 67 | Sapling/Pole | 4 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6119 - Mixed Lowland Deciduous Forest | Poletimber Medium | 28.4 | 60 | 81-110 | N/A | The soil under the stand is Willette Muck, in the east end, which is very wet with lots of standing water. In the west end it becomes Tonkey sandy loan, which is somewhat moist but looks like it will dry out in late summer. Ash is all dead and down. All the trees in the stand are flared at the base of the trunk, indicating a shallow root system. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Cottonwood</td> <td>30</td> <td>Log/XLog</td> <td>15</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>40</td> <td>Pole/Sap/Log</td> <td>8</td> <td>60</td> </tr> <tr> <td>Swamp White Oak</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>American Elm</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Cottonwood | 30 | Log/XLog | 15 | | Red Maple | 40 | Pole/Sap/Log | 8 | 60 | Swamp White Oak | 10 | Log/Pole | 12 | | Black/Red (Hybrid) Oak | 15 | Log/Pole | 11 | | American Elm | 5 | Pole | 6 | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cottonwood | 30 | Log/XLog | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 40 | Pole/Sap/Log | 8 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swamp White Oak | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 15 | Log/Pole | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| American Elm | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | |
|---------------------------|----------------------------|-----------------|--------------------|----------------|------------|---------------------------|--|----------------|--------------------|--------------|
| 7 | 6113 - Lowland Maple | Sawtimber Poor | 20.0 | 105 | 1-50 | N/A | The stand is low and wet with a heavy ground cover of red osier dogwood and tag alder. It has a high-water table and has standing water from spring to late summer. All the ash in the stand is now dead and down with only some maple and cottonwood making up the canopy | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 75 | Log/Pole | 14 | 105 | Red Osier Dogwood | | High | 5 - 10 feet | 5 - 10 feet |
| Balsam Poplar | | 5 | Log | 14 | | Buttonbush | | Trace | 5 - 10 feet | 5 - 10 feet |
| Cottonwood | | 20 | Log/Pole | 14 | | Tag Alder | | Medium | 5 - 10 feet | 5 - 10 feet |
| | | | | | | Michigan Holly | Medium | 5 - 10 feet | 5 - 10 feet | |
| 8 | 6113 - Lowland Maple | Sawtimber Well | 33.1 | 94 | 81-110 | N/A | Stand has many vernal ponds. Bear Creek runs through the southern edge. There are areas of large cottonwood in some of the wetter portions. There is some windthrow. The ash in the stand is dead and down. The access to the stand is limited as there is private land to the north, south, and east and the Au Gres River to the west. Bear Creek would also have to be crossed coming from the south. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Cottonwood | | 30 | XLog/Log | 20 | | Red Maple | | Medium | >20 feet | >20 feet |
| Black/Red (Hybrid) Oak | | 10 | Log | 14 | | Black Ash | | Low | >20 feet | >20 feet |
| Red Maple | | 60 | Log/Pole/XLog | 16 | 94 | Tag Alder | Low | 5 - 10 feet | 5 - 10 feet | |
| 9 | 6113 - Lowland Maple | Sawtimber Well | 10.9 | 106 | 81-110 | N/A | The stand is in a wet depression with significant micro relief. All the ash is dead and down and it has suffered some windthrow. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Paper Birch | | 6 | Log/XLog/Pole | 14 | | Black/Red (Hybrid) Oak | | Low | 10 - 20 feet | 10 - 20 feet |
| Red Maple | | 78 | Log/Pole/XLog | 14 | 106 | Tag Alder | | Low | 5 - 10 feet | 5 - 10 feet |
| Bigtooth Aspen | | 2 | Log | 12 | | Beech | | Low | 10 - 20 feet | 10 - 20 feet |
| Black Cherry | | 2 | Pole | 7 | | Red Maple | Medium | >20 feet | >20 feet | |
| Black/Red (Hybrid) Oak | | 12 | XLog/Log | 18 | | | | | | |
| 10 | 4130 - Aspen | Poletimber Well | 259.1 | 38 | 111-140 | N/A | The stand was harvested in Keystone South sale 73-048-88-01 that was completed in 1993. The stand is now predominately poles. There is a good percentage of paper birch on the wetter soils. There are two main soil types, AuGres Soil in the N ½ and Kawkawlin Soil S ½. The species on these two soils are slightly different with AuGres Soil having less paper birch and swamp hardwood than on Kawkawlin soil. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Bigtooth Aspen | | 40 | Pole/Sapling | 7 | 38 | Green Ash | | Low | 5 - 10 feet | 5 - 10 feet |
| Quaking Aspen | | 20 | Pole/Sapling | 6 | | Musclewood/Hornbeam | | Trace | 10 - 20 feet | 10 - 20 feet |
| Paper Birch | | 10 | Pole/Sapling | 5 | | Hawthorn (spp.) | | Trace | 5 - 10 feet | 5 - 10 feet |
| Red Maple | | 18 | Pole/Sapling | 5 | | Paper Birch | | Low | 10 - 20 feet | 10 - 20 feet |
| Black/Red (Hybrid) Oak | | 5 | Sapling/Pole | 3 | | | | | | |
| Balsam Poplar | | 5 | Pole/Sapling | 6 | | | | | | |
| Swamp White Oak | | 2 | Sapling | 3 | | | | | | |
| 11 | 500 - Water | None | 44.0 | | | No | The stand is a lake. | | | |
| Sub-Canopy Species | | Density | Avg. Height | Size | | | | | | |
| Cattail spp. | | Low | Not Applicable | Not Applicable | | | | | | |
| 12 | 6229 - Mixed Lowland Shrub | None | 131.7 | | | No | The stand is very wet with pockets of standing water even after a dry summer. The soil goes from Willette to Bergland muck going from east to west. The trees that were in the stand are now gone and the site has converted to lowland shrub. There is scattered ash and maple regeneration. | | | |
| Sub-Canopy Species | | Density | Avg. Height | Size | | | | | | |
| Tag Alder | | Full | 5 - 10 feet | 5 - 10 feet | | | | | | |
| Cattail spp. | | Low | Not Applicable | Not Applicable | | | | | | |
| Michigan Holly | | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | |
|------------------------|---------------------------|------------------|-------------------|------------|------------|---------------------------|--|----------------|--------------------|--------------|
| 13 | 6113 - Lowland Maple | Sawtimber Poor | 27.7 | 111 | 1-50 | N/A | This stand is too wet to harvest. The ash in the stand is dead and down. There is a lot of windthrown. This has caused the formation of a few openings of marsh grass. The remaining species are limited to mainly red maple and cottonwood. This makes up about 50 BA. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 90 | Log/Pole/XLog | 16 | 111 | Michigan Holly | | Medium | 5 - 10 feet | 5 - 10 feet |
| Quaking Aspen | | 7 | Log/Pole | 10 | | Musclewood/Hornbeam | | Trace | 10 - 20 feet | 10 - 20 feet |
| Paper Birch | | 2 | Pole/Log | 8 | | Hawthorn (spp.) | | Trace | 5 - 10 feet | 5 - 10 feet |
| Yellow Birch | | 1 | Pole/Log | 8 | | | | | | |
| 14 | 6113 - Lowland Maple | Sawtimber Poor | 84.8 | 106 | 1-50 | N/A | The stand was harvested in sale 73-011-13-01, Comp 138 Ash Salvage. It was completed in 2014. The ash that was left either dead or dying is now down. This made traversing the stand difficult. The ground cover is tall, herbaceous (> 3 feet) making seeing down wood difficult and hinder regeneration. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 95 | Log/Pole/XLog | 16 | 106 | Tag Alder | | Low | 5 - 10 feet | 5 - 10 feet |
| Cottonwood | | 3 | XLog | 22 | | | | | | |
| American Elm | | 2 | Pole | 5 | | | | | | |
| 15 | 6112 - Lowland Aspen | Poletimber Well | 53.7 | 38 | 81-110 | N/A | The stand was harvested in Whitney Drainage Clearcut, 73-024-82 completed in 1988. It is a dryer P-Type. The stand has some areas that are open and more like wet meadow or marsh, mainly on the inclusions of Deford muck soil in the stand. The stand could be harvested as a clearcut. However, hold it for 10 years. The stand would need to be harvested in extremely dry or frozen conditions. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 15 | Sapling/Pole | 4 | | Musclewood/Hornbeam | | Trace | 10 - 20 feet | 10 - 20 feet |
| Quaking Aspen | | 81 | Pole/Sapling | 7 | 38 | Michigan Holly | | High | 5 - 10 feet | 5 - 10 feet |
| Black/Red (Hybrid) Oak | | 3 | Sapling/Pole | 4 | | | | | | |
| American Elm | | 1 | Sapling/Pole | 4 | | | | | | |
| 16 | 6113 - Lowland Maple | Sawtimber Poor | 43.9 | 112 | 1-50 | N/A | This stand was in sale 73-011-13-01, Comp 138 Ash Salvage. Which was completed in 2014. However, much of the stand was deemed too wet and was removed from the sale. The ash that was left is now dead and down. Tag alder and holly have started to take over the understory. The ground cover in the open areas is tall, herbaceous (> 3 feet) hindering regeneration hiding down wood. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 97 | Log/XLog/Pole | 12 | 112 | Ash (spp.) | | Low | 5 - 10 feet | 5 - 10 feet |
| Paper Birch | | 2 | Log | 10 | | Tag Alder | | High | 5 - 10 feet | 5 - 10 feet |
| American Elm | | 1 | Pole | 5 | | Michigan Holly | | High | 5 - 10 feet | 5 - 10 feet |
| 17 | 6113 - Lowland Maple | Sawtimber Well | 26.1 | 84 | 1-50 | N/A | This stand was in sale 73-011-13-01, Comp 138 Ash Salvage. Which was completed in 2014. The stand is brushy with the main species of brush being alder and holly. There is a lot of windthrown ash. Stand is wet. Currently only maple is standing and there is significant down wood. The ground cover in the open areas is tall, herbaceous (> 3 feet) hindering regeneration hiding down wood. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 100 | Log/Pole/XLog | 15 | 84 | Alder | | Medium | 5 - 10 feet | 5 - 10 feet |
| | | | | | | Michigan Holly | | Medium | 5 - 10 feet | 5 - 10 feet |
| | | | | | | Red Maple | | Low | 5 - 10 feet | 5 - 10 feet |
| | | | | | | Ash (spp.) | Low | 5 - 10 feet | 5 - 10 feet | |
| 18 | 6113 - Lowland Maple | Sawtimber Medium | 12.4 | 101 | 1-50 | N/A | This stand was in sale 73-011-13-01, Comp 138 Ash Salvage. Which was completed in 2014. The stand is low and wet with heavy hummock sedge with pockets of cattails. There are areas with heavy shrubs, mainly alder and holly. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 100 | Log/Pole | 10 | 101 | Ash (spp.) | | Low | 5 - 10 feet | 5 - 10 feet |
| | | | | | | Tag Alder | Medium | 5 - 10 feet | 5 - 10 feet | |
| 19 | 310 - Herbaceous Openland | None | 67.2 | | | Yes | This stand has been sharecropped in the past under the supervision of wildlife. It is not under lease anymore and has converted to herbaceous open land. | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|--------------------|----------------|-------------|----------|--------------|--|------------|----------------|----------------|------------------------|-------|------------|----------|---------------|-----|----------|--------------|--------------|---------------|-------------|-------------|-------------|---|---------------|----|--|---|---|--------------------|---------|-------------|---|------------|--------------------|----------|-------------|-----------|--------------|----------|----------------|----------------|------------|-----|-------------|-------------|----------------|--------|-------------|-------------|-----------|-----|-------------|-------------|---------------------|-------|----------------|----------------|
| 20 | 6113 - Lowland Maple | Sawtimber Poor | 59.1 | 106 | 1-50 | N/A | This stand was in sale 73-011-13-01, Comp 138 Ash Salvage. Which was completed in 2014. The site has not regenerated well. Much of the regeneration is sparse and mainly ash. The standing dead ash that was not harvested is now on the ground. There is also significant windthrow of the live trees. The stand is quite wet. The ground cover in the open areas is tall, herbaceous (> 3 feet) hindering regeneration hiding down wood making traversing the stand difficult. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cottonwood | 1 | XLog | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 90 | Log/Pole/XLog | 14 | 106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Birch | 2 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| American Elm | 2 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cattail spp. | Low | Not Applicable | Not Applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ash (spp.) | Low | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Michigan Holly | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phragmites (exotic) | Trace | Not Applicable | Not Applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 6113 - Lowland Maple | Sawtimber Medium | 68.0 | 106 | 111-140 | N/A | The stand has a ridge that is heavy to pine. It could have been typed out as a pine stand depending on where the plots fell. Access is blocked by a true swamp and private land. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 65 | XLog/Log/Pole | 18 | 106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 20 | XLog/Log/Pole | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 7 | Log/Pole/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 8 | Log/Pole/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Variable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Variable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 6229 - Mixed Lowland Shrub | None | 40.4 | | | No | The stand is low and wet. There are some islands of trees, but it is more of a lowland shrub/marsh. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Trace | >20 feet | >20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | >20 feet | >20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| American Elm | Low | >20 feet | >20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 622 - Lowland Shrub | None | 7.5 | | | No | This area was flooding. It is slowly converting to a dense lowland shrub type, but there are still areas that are more like a wet meadow. There are some snags standing, but most are now down on the ground. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cattail spp. | Medium | Not Applicable | Not Applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 500 - Water | None | 2.9 | | | No | This is the East Branch of the Au Gres River | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 6229 - Mixed Lowland Shrub | None | 31.7 | | | No | The soil through much of the stand is Linwood muck and is too wet for harvest. The ash has died out and come down. There is also a lot of windthrown of other species. The crown closure is now below 25%. There are some ash, maple, and oak seedlings but it is limited. Factor limit, too wet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cottonwood | Trace | >20 feet | >20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Trace | Variable | Variable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Variable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 500 - Water | None | 7.6 | | | No | This is the Whitney Drain. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 500 - Water | None | 5.5 | | | No | This is Bear Creek which has a small bed, and it is in a marshy channel. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|------------------|----------------|------------|----------|--------------|--|-----------|-----|---------------|----|-----|--|----|--------------------|---------|-------------|-----------------|-----------|---------------|-------------|-------------|--------------|-----|--------------|--------------|-----------|---|--------------|--------------------|---------|-------------|--|------------|--------------------|--------------|--------------|---------------------|----------|--------------|--------------|--------------|------------|----------------|----------------|--------------|-----------|-------------|-------------|-----------|---------------------|----------|--------------|--------------|
| 102 | 6113 - Lowland Maple | Sawtimber Well | 81.7 | 105 | 111-140 | N/A | This stand has many drainages. Overall, it is heavy to red maple but there is a component of declining aspen. The ash is gone and came down forming natural canopy gaps. These gaps are filling in with ash and maple in the dryer areas and lowland shrubs in the wetter areas. Access to the stand is a problem being blocked by the Au Gres River to the west; private land to the north and south; and very wet soils to the east. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 75 | Log/Pole/XLog | 15 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 5 | Log/Pole | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swamp White Oak | 4 | Log/Pole/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 6 | Log/XLog | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 10 | Log/Pole/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | Low | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ash (spp.) | Low | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | >20 feet | >20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Musclewood/Hornbeam | Medium | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | 6233 - Wet Meadow | None | 14.9 | | | No | The stand is an intermittent beaver flooding. It is currently a wet meadow with a variety of shrubs along the edges. The shrubs are a mix of button bush, alder and holly. The over-story that was there is dead. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 202 | 6113 - Lowland Maple | Sawtimber Well | 70.5 | 105 | 81-110 | N/A | Stand is wet with large pockets of standing water. Numerous vernal ponds. The ash in the stand is now dead and down. The access to the stand is difficult with private land to north and south; there is very wet soils blocking access from the east; and Au Gres River to the west. The soils in the stand are a mix of Roscommon and Maumee. Factor limited too wet. The crown closure goes from 15 to 85%, the average is around 75%. Large canopy gaps have formed. They are regenerating with ash and maple. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 68 | Log/Pole/XLog | 14 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cottonwood | 25 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Poplar | 5 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 2 | Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ash (spp.) | Medium | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Musclewood/Hornbeam | Low | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cattail spp. | Low | Not Applicable | Not Applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | >20 feet | >20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 303 | 6113 - Lowland Maple | Sawtimber Medium | 14.3 | 105 | 1-50 | N/A | The stand is on wet Carbondale Muck soil. The ash has disappeared due to EAB. The brush in the stand is heavy to tag alder. There is also an area heavy to marsh grasses and sedges. The crown closure is around 50%., | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>100</td> <td>Log/Pole/XLog</td> <td>14</td> <td>105</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 100 | Log/Pole/XLog | 14 | 105 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Ash (spp.)</td> <td>Low</td> <td>10 - 20 feet</td> <td>10 - 20 feet</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>10 - 20 feet</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | Medium | 5 - 10 feet | 5 - 10 feet | Ash (spp.) | Low | 10 - 20 feet | 10 - 20 feet | Red Maple | Medium | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 100 | Log/Pole/XLog | 14 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | 5 - 10 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ash (spp.) | Low | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | 10 - 20 feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 400 | 110 - Low Intensity Urban | None | 2.9 | | | No | Old road easement that was established in the late 1980s early 1990s (Bomaster Rd.). This is the main access into the compartment. The road is starting to degrade. It has several large holes. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 401 | 310 - Herbaceous Openland | None | 20.8 | | | No | This stand was part of a hay field to the east and west. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |