

Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41083 Entry Year 2027 Acreage: 1,968

County: Schoolcraft

Management Area: Escanaba Lake and Till Plain

Stand Examiner: Steve Touvila

Legal Description:

T41N,R17W, Sections 24, 25 & 36

Identified Planning Goals:

The goals in this compartment include conducting multiple resource management for current and future generations. Forest health, recreation, wildlife and timber management are some of the key management components within this compartment.

Soil and topography:

In general, the soils are very well drained sandy soils as well as some organic soils along Dufour Creek and the Cedar Types. The terrain in the area is flat to rolling. The major soil type is Rubicon sand. Other types include: Carbondale, Lupton, and Tawas soils, and AuGres-Deford Complex.

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

Ownership within the compartment is an entirely contiguous block of State land. The compartment is bisected by two Gas Pipelines, several Power lines and the Wisconsin Central Railroad. Illegal Dumping is a problem throughout the entire compartment.

Unique Natural Features:

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

There are several large blocks of grass that are maintained through prescribed fire to keep the areas open in nature for several wildlife species.

Watershed and Fisheries Considerations:

This compartment contains Dufour Creek which serves as a tributary to Indian Lake. Dufour Creek is a designated Type 1 trout stream less than 50-ft wide that has a predicted mean July water temperature of 59.5°F (cold stream). A 300-foot buffer is recommended for Dufour Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, riparian management zone is recommended for Dufour Creek to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is located on the eastern edge of the Thompson plains. The majority of the compartment is upland sandy plains. The original surveyor's notes indicate that the pre-settlement land cover consisted primarily of white pine, red pine, hemlock, and yellow birch. Sugar maple, red maple, beech, and oak were also recorded in the uplands. Lowlands contained cedar and spruce. Current vegetation is substantially different from pre-settlement conditions. Grassy openings aspen, and pine (red and jack) now dominate the uplands. Lowlands appear to have similar species composition as the circa 1850 forest. Featured species in this compartment are woodcock, ruffed grouse, white-tailed deer, and turkey. Wildlife habitat objectives consist primarily of maintaining the grassy openings, promoting oak and aspen, and providing age class diversity between conifer stands.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine sand and gravel. The glacial drift thickness varies between 10 and 50 feet. The Silurian Manistique Group subcrops below the glacial drift. The Manistique could be used for stone. A gravel pit is located less than one mile to the south, and there appears to be potential within the compartment. A dimension stone quarry is located three miles to the northwest. There is no commercial oil and gas production in the UP, but a new location was staked five miles to the northeast.

Vehicle Access:

Vehicle access within the compartment is excellent. There are numerous roads within the compartment including US-2 and two other county maintained roads. However, there is only one crossing for the Wisconsin Central Railroad within the Thompson Plains and it is located within the compartment. Illegal Dumping is a problem throughout the entire compartment.

Survey Needs:

None needed at this time.

Recreational Facilities and Opportunities:

There is a snowmobile trail that runs trough the compartment on the north end in section 23. The compartment is also heavily used by hunters, ORV enthusiasts and berry pickers.

Fire Protection:

Fire response times to the area will be good since it is close to the Manistique Office. The mixture of grass openings and pine fuel types within the compartment can lead to a fire carrying well during times of high fire danger.

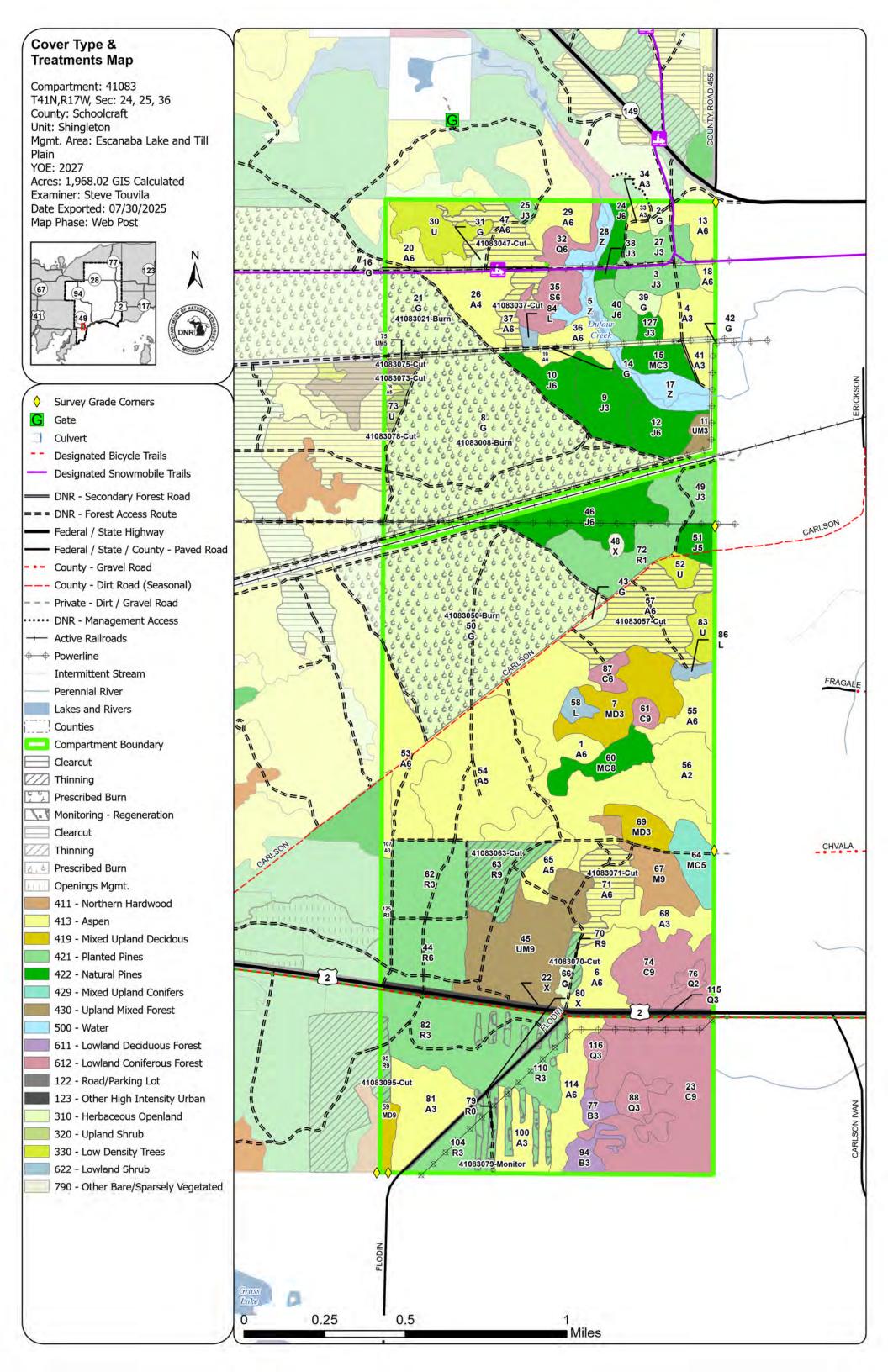
Additional Compartment Information:

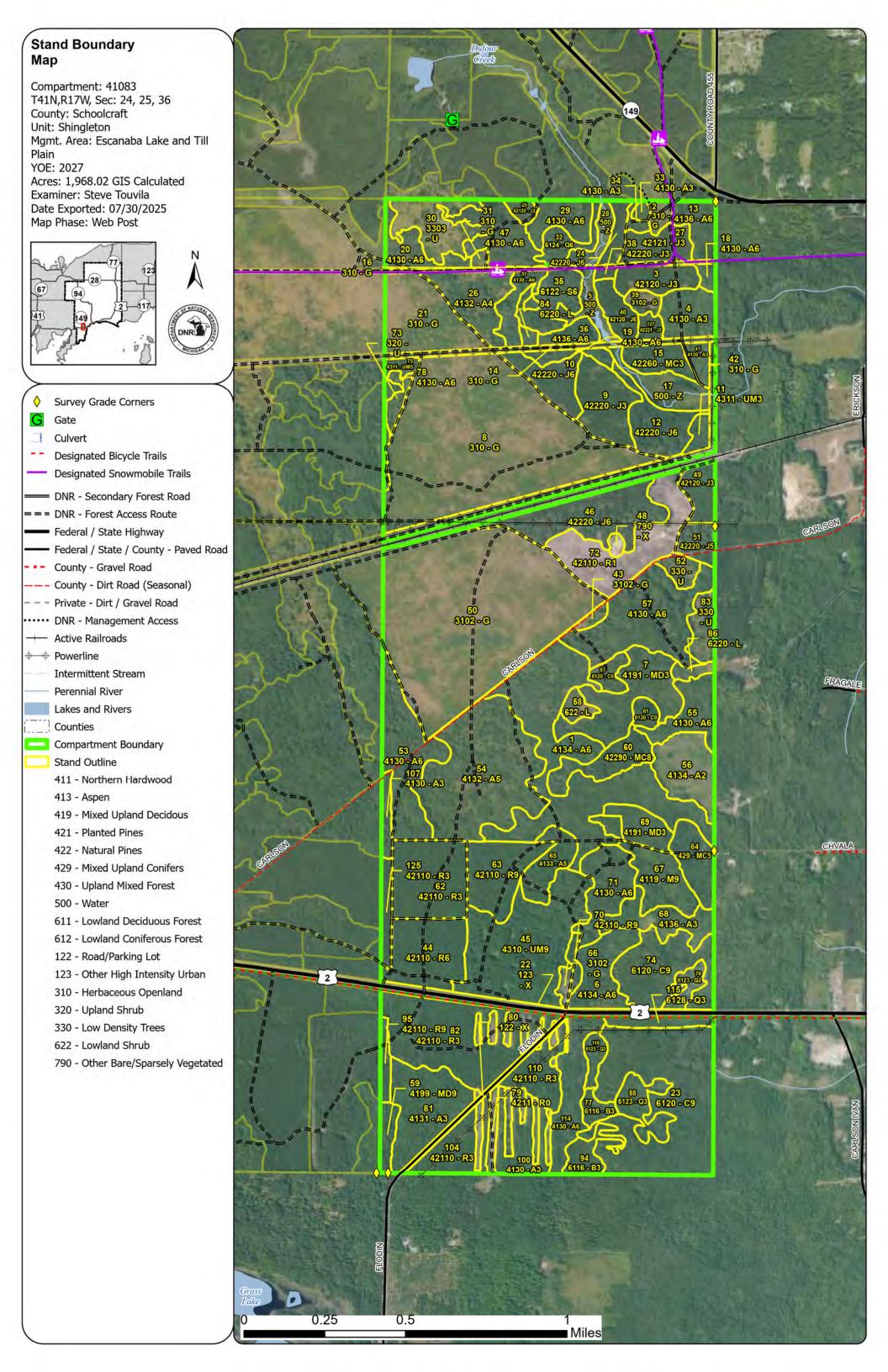
The following reports from the Inventory are attached:

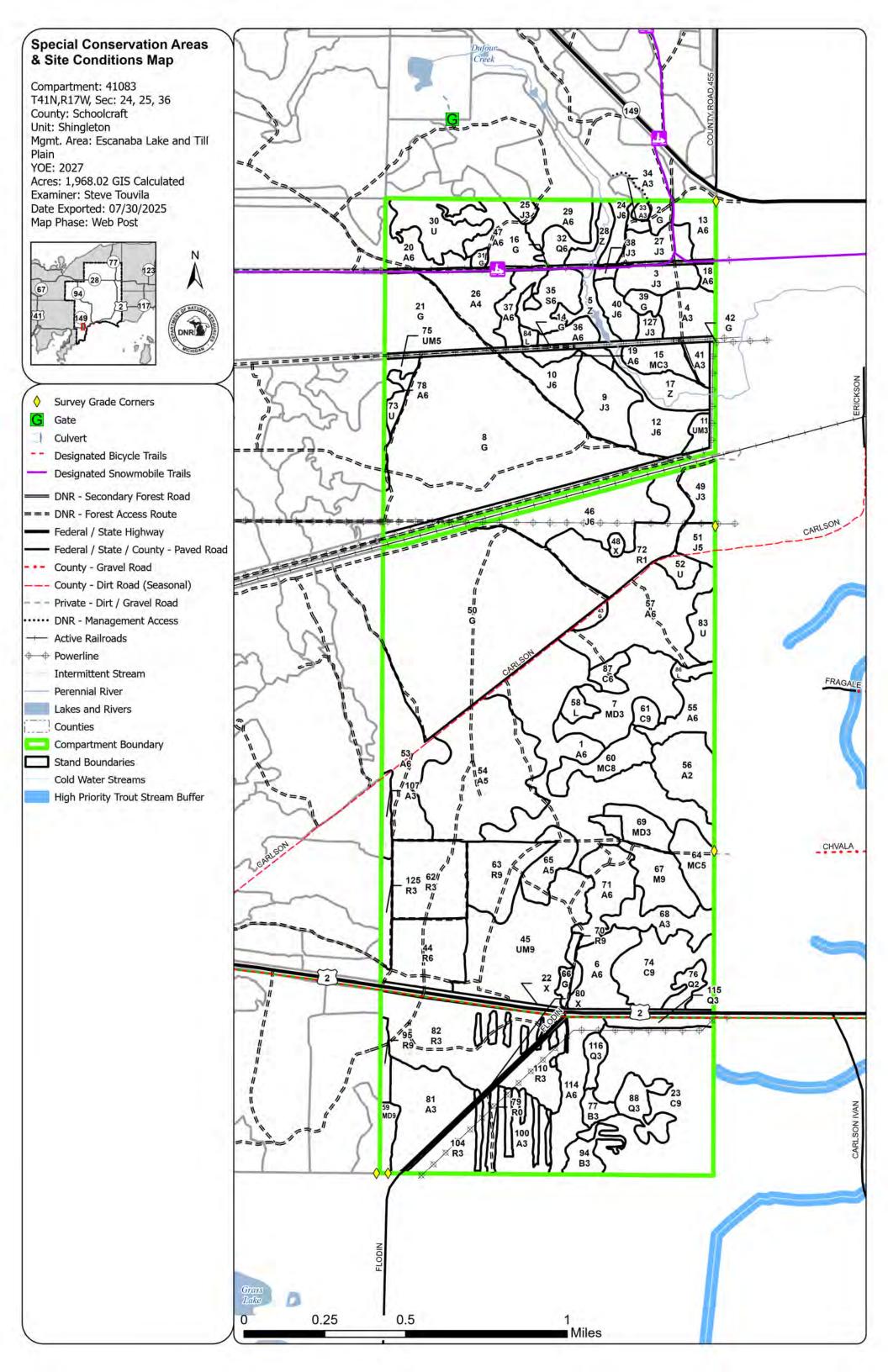
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Shingleton Mgt. Unit Steve Touvila: Examiner



Age Class

| | | | | | , | , | , | , | _ | _ | , | , | , | , | _ | , | | , | , , |
|-------------------------|------------------|--------|-------|-------|--------------------|-------|--------|-----|--------------|-------|-------|-----|-----|-----|-------|---------|---------|---------------------------------------|---|
| | / | / jz / | / / | / / | / / | ′ / | / / | ′ / | / / | / / | / / | ′ / | / / | ′ / | / / | / / | / / | / / | TO TO SERVICE |
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| | / % g | KONT C | ·/ × | , / 🍫 | ' / ['] % | / 1/2 | ' / '& | / 6 | ' / <i>*</i> | ' / 8 | \ \ | / % | 1/2 | 1 |) / 🔅 | , / 1/2 | ? / × | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | /~ |
| Aspen | 0 | 24 | 25 | 83 | 307 | 126 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 597 |
| Bare/Sparsely Vegetated | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Cedar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 122 | 0 | 0 | 0 | 132 |
| Herbaceous Openland | 429 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 429 |
| Jack Pine | 0 | 0 | 41 | 36 | 33 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 168 |
| Low-Density Trees | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| Lowland Conifers | 0 | 0 | 0 | 25 | 7 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| Lowland Shrub | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Lowland Spruce/Fir | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| Mixed Upland Deciduous | 0 | 0 | 0 | 35 | 12 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 |
| Natural Mixed Pines | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 22 |
| Paper Birch | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Red Pine | 21 | 39 | 0 | 137 | 32 | 0 | 0 | 29 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 263 |
| Upland Conifers | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Upland Mixed Forest | 0 | 0 | 4 | 0 | 0 | 0 | 3 | 0 | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 |
| Upland Shrub | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Urban | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| Water | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| Total | 561 | 63 | 70 | 341 | 406 | 184 | 53 | 46 | 74 | 10 | 15 | 0 | 0 | 0 | 122 | 0 | 0 | 23 | 1964 |



Report 2 – Treatment Summary

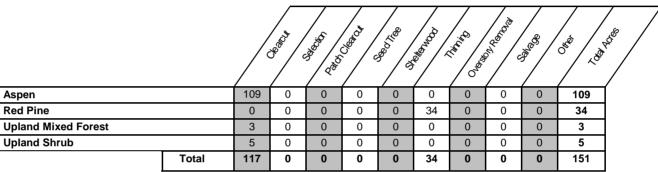
Shingleton Mgt. Unit Year of Entry: 2027

Acres of Harvest

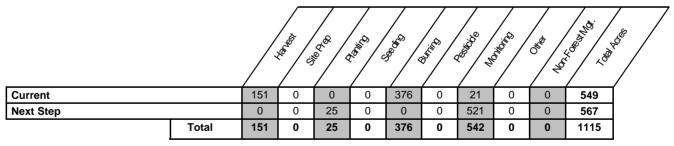
Compartment 83
Total Compartment Acres: 1,968

Commercial Harvest - 275
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Proposed Start Date: 10/01/2026

Other Comment: Site Condition:

Shingleton Mgt. Unit Report 3 -- Treatments Compartment: 41083 S Year of Entry: 2027 t а Size ВА **Treatment** Treatment **Cover Type Treatment** Acres Stand Stand Age Habitat n Method Objective Structure Name CoverType Density Age Range Type Cut d 41083070-Cut 3.2 42110 - Planted 141-Harvest Thinning 4211 - Planted **Planting** No Red Pine Red Pine Record 170 Prescription Thin stand to target BA of 120. Don't cut oak or hemlock. Specs: Next Step **Treatments:** <u>Acceptable</u> Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2026 71 41083071-Cut 81-110 22.1 4130 - Aspen 6 56 Harvest Clearcut 413 - Aspen **Planting** No Record Prescription Clearcut with retention all species to 2" DBH. Don't cut oak or hemlock. Include drumming log specs. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable aspen, balsam fir and any species currently on site

Approved Treatments:

Proposed Start Date: 10/01/2026

Regen:
Other
Comment:
Site Condition:

| 8 | 41083008- Burn | 166.0 310 - Herbaceous Openland | 99 | Burn | Prescribed Burn | 310 - Herbaceous Openland | Previous Inventory | No |
|---------------|-------------------------------|------------------------------------|-------|------|-----------------|---------------------------------|-----------------------|----|
| Preso Spec | | be burn to set back trees and b | rush. | | | | | |
| Next : | <u>Step</u> Monitor ments: | ring, Prescribed Burn | | | | | | |
| Accer Rege | otable n: | | | | | | | |
| Other Comr | | | | | | | | |
| Site C | Condition: | | | | | | | |
| Propo | sed Start Date: | 10/01/2025 | | | | | | |

Proposed Start Date: 10/01/2025

Shingleton Mgt. Unit Report 3 -- Treatments Compartment: 41083 S Year of Entry: 2027 t а **Cover Type Treatment** Acres Stand Size Stand BA **Treatment Treatment** Age Habitat n Method Objective Structure Name CoverType Density Age Range Type Cut d 41083078-Cut 3.6 4130 - Aspen 81-110 Harvest Clearcut 413 - Aspen **Planting** No Record Prescription Clearcut all trees to 2" DBH with no retention due to small size. Don't cut oak or hemlock if encountered. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable any species on site Regen: <u>Other</u> Comment: Site Condition: Proposed Start Date: 10/01/2025 41083079-79 21.4 4211 - Planted Red 0 Immatu Monitoring Monitoring -4211 - Planted **Planting** No Monitor Pine Regeneration Red Pine Record Prescription artificial regeneration monitor Specs: Monitoring, Artificial Regen; Planting, Interplant; NonCommCut, Brush Saw Release Next Step Treatments: Acceptable red pine Regen: Other replanted. Approved 2017 YOE Comment: Site Condition: Proposed Start Date: 10/01/2024 95 41083095-Cut 4.8 42110 - Planted 4211 - Planted 71 111-Harvest Thinning **Planting** No Red Pine 140 Red Pine Record Prescription Thin stand to approximately 120. This will be a light thinning. Concentrate on thinning denser areas and look for previous harvest damaged Specs: Next Step **Treatments: Acceptable**

Total Treatment 548.6 Acreage Proposed:

Proposed Start Date: 10/01/2025

Regen:
Other
Comment:
Site Condition:

Report 4 - Site Conditions

Shingleton Mgt. Unit Steve Touvila: Examiner Compartment: 83 Year of Entry: 2027



Availability for Management

| Total | Acres | Acres Avail | Acres | Do | omina | nt Site | e Cond | ditions | |
|-------|-----------|----------------|---------------|-------|-------|---------|--------|---------|--|
| Acres | Available | With Condition | Not Available | | 5B | 3J | 3L | | |
| 507 | E07 | | Λ | Acnon | | | | l | |

| Acres | Available | With Condition | Not Available | | 5B | 3J | 3L |
|-------|-----------|----------------|---------------|-------------------------|----|----|----|
| 597 | 597 | 0 | 0 | Aspen | | | |
| 2 | 2 | 0 | 0 | Bare/Sparsely Vegetated | | | |
| 133 | 133 | 0 | 0 | Cedar | | | |
| 429 | 429 | 0 | 0 | Herbaceous Openland | | | |
| 168 | 168 | 0 | 0 | Jack Pine | | | |
| 39 | 39 | 0 | 0 | Low-Density Trees | | | |
| 40 | 31 | 0 | 9 | Lowland Conifers | | | 9 |
| 10 | 10 | 0 | 0 | Lowland Shrub | | | |
| 7 | 0 | 0 | 7 | Lowland Spruce/Fir | | 7 | |
| 53 | 53 | 0 | 0 | Mixed Upland Deciduous | | | |
| 28 | 11 | 17 | 0 | Natural Mixed Pines | 17 | | |
| 22 | 23 | 0 | 0 | Northern Hardwood | | | |
| 14 | 14 | 0 | 0 | Paper Birch | | | |
| 264 | 264 | 0 | 0 | Red Pine | | | |
| 15 | 15 | 0 | 0 | Upland Conifers | | | |
| 76 | 76 | 0 | 0 | Upland Mixed Forest | | | |
| 5 | 5 | 0 | 0 | Upland Shrub | | | |
| 23 | 23 | 0 | 0 | Urban | | | |
| 32 | 32 | 0 | 0 | Water | | | |
| 1,958 | 1,926 | 17 | 15 | Total Forested Acres | 17 | 7 | 9 |
| | 98% | 1% | 1% | 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.

| No. C | Cond Availability | Dominant Site Condition | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|-------|-------------------|--|-------|----------------------|----------------------|----------------------|----------------------|
| | Available | 5B: Maintain for regeneration purposes | 17 | Unspecified | Unspecified | Unspecified | Unspecified |
| C | omments: | | | | | | |

Report 4 – Site Conditions

Shingleton Mgt. Unit Steve Touvila: Examiner



| 3 | Unavailable | 3L: Other wildlife concerns | 9 | Unspecified | Unspecified | Unspecified | Unspecified |
|---|-----------------------------------|--|---|-------------|-------------|-------------|-------------|
| | Comments: | | | | | | |
| | | | | | | | |
| 4 | Unavailable | 5E: Long-Term Retention | 2 | Unspecified | Unspecified | Unspecified | Unspecified |
| | Comments: | | | | | | |
| 5 | Unavailable | 5E: Long-Term Retention | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| | Comments: | | | | | | |
| 6 | Unavailable | 3J: Water quality/BMPs (stream, river, or lake) | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| | Comments: 100' buffer for Dufc | our Creek. | | | | | |
| 8 | Unavailable | 3J: Water quality/BMPs (stream, river, or lake) | 6 | Unspecified | Unspecified | Unspecified | Unspecified |
| | Comments: Tributaries to Dufor | ur Creek. | | | | | |

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 | | | | |
| | | | | |



| Stan | d Level 4 C | Level 4 Cover Type Size Density Acres Stand Age BA Range Managed S | | Site | General Comments | | | | | |
|------|----------------|--|------------|-----------------|------------------|-------------|---------|--------------|--------------|--|
| 1 | 4134 - Aspe | en, Spruce | /Fir | Poletimber Well | 95.3 | 37 | 81-110 | N/A | 4 | Cut in 1988. Most of the balsam fir is in the east side of the stand. There's about 2.8 acres of aspen in the SE part of the stand along the |
| | Canopy Species | % Cover | Size Class | DBH Age | Sub-Car | opy Species | Density | Avg. Height | Size | road, next to the M9 stand that is 28 years old from a salvage harvest. |
| | Quaking Aspen | 35 | Sapling | 6 | | sam Fir | Medium | >20 feet | >20 feet | There are some pockets of older aspen throughout the stand. |
| | White Pine | 2 | | 14 | Wh | ite Pine | Low | Variable | Variable | |
| | Jack Pine | 1 | Seedling | 8 | Blac | k Cherry | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Red Maple | 1 | Seedling | 7 | | | | | | |
| | Bigtooth Aspen | 40 | Sapling | 6 37 | | | | | | |
| | Balsam Fir | 20 | Pole | 4 | | | | | | |
| | Red Pine | 1 | | 11 | | | | | | |
| 2 | 310 - Herbac | eous Open | land | None | 4.0 | | | No |) | Stand was burned under FTP1284 on 5/3/2011. |
| | | | | | Sub-Car | opy Species | Density | Avg. Height | Size | |
| | | | | | Swe | et Fern | Medium | 5 - 10 feet | 5 - 10 feet | |
| | | | | | Jac | k Pine | Low | 10 - 20 feet | 10 - 20 feet | |
| | | | | | Blac | k Cherry | Low | 10 - 20 feet | 10 - 20 feet | |
| 3 | 42120 - Plar | nted Jack F | Pine | Sapling Well | 13.1 | 16 In | nmature | N/A | Ą | This stand was affected by a windstorm in 1997. It was cut as part of Sale # 41-018-07 Trashy Pine and was cut in the spring of 2008. TCR |
| | Canopy Species | % Cover | Size Class | DBH Age | | | | | | Date 5/20/2008. Stand was treated under FTP C41-1338 for jack pine |
| | Quaking Aspen | 5 | Log | 2 | | | | | | regeneration. The stand was planted in the fall of 2008 and planted in |
| | Jack Pine | 95 | Log | 2 16 | | | | | | 2009. The 2010 regeneration check results had 846 jack pine, 27 other conifer. Another regeneration check was scheduled for 2012. On 9/13/2010, the stand was sprayed with Accord at a rate of 1.5 quarts per acre by helicopter. The 2012 regeneration check was passed and |
| 4 | 4130 | - Aspen | | Sapling Well | 15.8 | 27 In | nmature | N/A | Δ | the FTP was closed. Stand was cut in 1998 as part of the Dufour Creek Sale. |
| 4 | Canopy Species | % Cover | Size Class | DBH Age | | opy Species | Density | Avg. Height | Size | |
| | White Pine | 2 | Size Ciass | 14 | | eech | Trace | 5 - 10 feet | 5 - 10 feet | |
| | Balsam Fir | 1 | Seedling | 6 | | sam Fir | Trace | 5 - 10 feet | 5 - 10 feet | |
| | Red Pine | 1 | Coodining | 14 | | ite Pine | Trace | 5 - 10 feet | 5 - 10 feet | |
| | Red Maple | 2 | Seedling | 8 | | | | 0 .0.000 | 0 101001 | |
| | Paper Birch | 1 | | 10 | | | | | | |
| | Bigtooth Aspen | 93 | Pole | 4 27 | | | | | | |
| 5 | 500 - | Water | | None | 9.3 | | | No |) | |
| | | | · | | | | | | | |
| 6 | 4134 - Aspe | • | | Poletimber Well | 21.3 | 35 | 1-50 | N/A | | SW 2.5 acres is 14 year old aspen cut as part of Asp's Lane harvest. |
| | Canopy Species | | Size Class | DBH Age | | opy Species | Density | Avg. Height | Size | |
| | Balsam Fir | 25 | Pole | 4 | Bal | sam Fir | Low | Variable | Variable | |
| | Quaking Aspen | 30 | Sapling | 5 35 | | | | | | |
| | Red Maple | 15 | Pole | 4 | | | | | | |
| | Bigtooth Aspen | 30 | Sapling | 5 | | | | | | |



| Stand | d Level 4 C | over Type | | Size De | nsity | Acres | Stand Age B | A Range | Managed S | ite | General Comments |
|-------|-------------------------|-------------|------------|----------|---------|--------|--------------|---------|-------------|-------------|---|
| 7 | 4191 - Mixed Upla Co | and Decidu | ous with | Sapling | ı Well | 34.8 | 27 | 1-50 | N/A | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Balsam Fir | 20 | Pole | 3 | | Ва | lsam Fir | Medium | Variable | Variable | |
| | Red Maple | 20 | Pole | 3 | | | | | | | - |
| | Paper Birch | 20 | Log | 3 | | | | | | | |
| | Bigtooth Aspen | 35 | Pole | 4 | 27 | | | | | | |
| No | orthern White Cedar | 5 | Seedling | 8 | | | | | | | |
| 8 | 310 - Herbac | eous Open | land | Noi | ne | 166.7 | | | No | | This stand was burned in 1997 and then again on 4/22/2010. FTP# W41-1474: Malus coronaria (native sweet crabapple) and Viburnum ameicanum (highbush cranberry) have been planted in the stand. The planting was done as a joint project between NWTF and Wildlife Division. Planting was done outside of existing fire lines. Burned in 2019. |
| 9 | 42220 - Nat | ural Jack P | ine | Sapling | y Well | 24.1 | 27 | 1-50 | N/A | | Stand was cut in 1998. There are some aspen patches scattered |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | through the stand. |
| | Bigtooth Aspen | 10 | Pole | 4 | | Blac | k Cherry | Low | 5 - 10 feet | 5 - 10 feet | |
| | Jack Pine | 90 | Pole | 4 | 27 | | | | | | _ |
| 10 | 42220 - Nat | ural Jack P | ine | Poletimb | er Well | 15.6 | 35 | 51-80 | N/A | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Jack Pine | 90 | Sapling | 5 | 35 | Blac | k Cherry | Low | 5 - 10 feet | 5 - 10 feet | |
| | Quaking Aspen | 10 | Sapling | 5 | | | | | | | |
| 11 | 4311 - Pin | e, Aspen M | ix | Sapling | y Well | 4.4 | 16 I | mmature | N/A | | Stand was hit hard by the windstorm in 1997. Stand was put on proposal 41-018-07 Trashy Pine. The sale was cut in the spring of |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | 2008. TCR date is 5/20/2008. Stand was planted in 2009. The 2010 |
| | Quaking Aspen | 50 | Log | 2 | 16 | | | | | | regeneration results were 846 jack pine and 27 other conifers. The |
| | Jack Pine | 50 | Log | 2 | 16 | | | | | | stand passed the 2012 regeneration checks and the FTP is now closed. |
| 12 | 42220 - Nat | ural Jack P | ine | Poletimb | er Well | 19.8 | 47 | 51-80 | N/A | | BA is variable with some areas in the 81-110 range. |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Quaking Aspen | 25 | Seedling | 8 | | Wh | nite Pine | Low | 5 - 10 feet | 5 - 10 feet | |
| | Jack Pine | 75 | Seedling | 7 | 47 | Blac | ck Cherry | Low | 5 - 10 feet | 5 - 10 feet | |

Report 7 - Stands



| Stand | Level 4 C | over Type | | Size De | nsity | Acres | Stand Age B | A Range | Managed S | Site | General Comments | MICHIGAN |
|-------|--------------------|-------------|------------|-----------|---------|---------|--------------|---------|--------------|--------------|---|----------|
| 13 | 4136 - Aspen | , Mixed Co | nifer | Poletimbe | er Well | 11.6 | 44 | 81-110 | N/A | \ | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Car | nopy Species | Density | Avg. Height | Size | | |
| | Red Maple | 3 | Sapling | 5 | | Pap | er Birch | Low | >20 feet | >20 feet | | |
| | Paper Birch | 3 | Sapling | 6 | | Wh | ite Pine | Trace | Variable | Variable | | |
| | Bigtooth Aspen | 45 | Seedling | 8 | 44 | He | emlock | Trace | 10 - 20 feet | 10 - 20 feet | | |
| | White Pine | 3 | | 14 | | Bal | sam Fir | Low | >20 feet | >20 feet | | |
| | Jack Pine | 5 | Seedling | 9 | | | | ' | | | - | |
| | Quaking Aspen | 20 | Seedling | 8 | | | | | | | | |
| No | rthern White Cedar | 1 | Seedling | 6 | | | | | | | | |
| | Hemlock | 5 | | 11 | | | | | | | | |
| | Balsam Fir | 5 | Seedling | 5 | | | | | | | | |
| | Red Pine | 10 | | 11 | 71 | | | | | | | |
| 14 | 310 - Herbac | eous Open | land | Non | е | 10.6 | | | No | | Great Lakes Gas Pipeline | |
| 15 | 42260 - Natural Pi | ne, Mixed D | Deciduous | Sapling | Well | 11.3 | 27 | 1-50 | N/A | \ | Stand was scarified in 1998 as part of C41-856. | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Cai | nopy Species | Density | Avg. Height | Size | | |
| | Bigtooth Aspen | 28 | Pole | 3 | | Blac | k Spruce | Low | Variable | Variable | | |
| | Jack Pine | 57 | Pole | 4 | 27 | | | | | 1 | | |
| | Black Cherry | 5 | Pole | 3 | | | | | | | | |
| | Black Spruce | 7 | Pole | 3 | | | | | | | | |
| | Red Pine | 3 | | 14 | | | | | | | | |
| 16 | 310 - Herbac | eous Open | land | Non | e | 7.3 | | | No | 1 | Enbridge Gas Pipeline | |
| 17 | 500 - | - Water | | Non | е | 15.5 | | | No | | | |
| 18 | 4130 | - Aspen | | Poletimbe | er Well | 2.8 | 48 | 111-140 | N/A | ۸ | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | 7 | |
| | Quaking Aspen | 20 | Seedling | 9 | | Bal | sam Fir | Trace | >20 feet | >20 feet | | |
| | Hemlock | 1 | | 14 | | Re | d Maple | Low | >20 feet | >20 feet | | |
| | Balsam Fir | 1 | Sapling | 6 | | Pap | er Birch | Trace | >20 feet | >20 feet | | |
| | White Pine | 3 | Seedling | 7 | | | | , | | ' | - | |
| | Red Maple | 3 | Sapling | 7 | | | | | | | | |
| | Danie Birah | 0 | Sapling | 6 | | | | | | | | |
| | Paper Birch | 2 | Sapility | 6 | | | | | | | | |



| Stand | d Level 4 C | over Type | | Size De | ensity | Acres | Stand Age B | A Range | Managed Si | te | General Comments |
|-------|---------------------|--------------|------------|----------|---------|--------|--------------|---------|-------------|-------------|---|
| 19 | 4130 | - Aspen | | Poletimb | | 5.7 | 35 | 51-80 | N/A | | _ |
| | Canopy Species | % Cover | Size Class | | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Bigtooth Aspen | 85 | Sapling | 5 | 35 | Ba | alsam Fir | Trace | 5 - 10 feet | 5 - 10 feet | |
| | White Pine | 5 | | 12 | | | | | | | |
| | Jack Pine | 5 | Seedling | 7 | | | | | | | |
| | Black Cherry | 5 | Sapling | 5 | | | | | | | |
| 20 | 4130 | - Aspen | | Poletimb | er Well | 13.0 | 40 | 51-80 | N/A | | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Quaking Aspen | 85 | Seedling | 7 | 40 | Ba | alsam Fir | Trace | Variable | Variable | |
| | Red Pine | 3 | | 12 | | | | | | | |
| | Jack Pine | 2 | Seedling | 8 | | | | | | | |
| | Bigtooth Aspen | 10 | Seedling | 7 | | | | | | | |
| 21 | 310 - Herbac | eous Open | land | No | ne | 34.5 | | | No | | This stand was burned in 1997 and then again on 4/22/2010. FTP# W41-1474: Malus coronaria (native sweet crabapple) and Viburnum ameicanum (highbush cranberry) have been planted in the stand. The planting was done as a joint project between NWTF and Wildlife Division. Planting was done outside of existing fire lines. |
| | | | | | | | | | | | Burned in 2019. |
| 22 | 123 - Other Hig | gh Intensity | Urban | No | ne | 17.8 | | | No | | Highway US-2 |
| 23 | 6120 - Lo | wland Ceda | ır | Sawtimb | er Well | 87.8 | 139 | 201+ | N/A | | This is a nice stand of cedar. There are some scattered pockets of |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | blow down. Northern end has two narrow strip cuts that grew back as mostly 7" dbh paper birch. |
| | Paper Birch | 5 | | 9 | | Ва | alsam Fir | Low | Variable | Variable | mostly i abilipapor biloti. |
| | Yellow Birch | 2 | | 12 | | | | , | | | _ |
| | Black Spruce | 3 | | 9 | | | | | | | |
| No | orthern White Cedar | 84 | | 11 | 139 | | | | | | |
| | Hemlock | 1 | | 14 | | | | | | | |
| | Balsam Fir | 5 | Seedling | 8 | | | | | | | |
| 24 | 42220 - Nat | tural Jack P | ine | Poletimb | er Well | 6.6 | 27 | 1-50 | N/A | | Stand was cut as part of Dufour Creek sale in 1998. |
| | Canopy Species | % Cover | Size Class | DBH | l Age | | | | | | |
| | Quaking Aspen | 5 | Pole | 4 | | | | | | | |
| | Jack Pine | 95 | Pole | 4 | 27 | | | | | | |
| 25 | 42120 - Plai | nted Jack P | ine | Sapling | g Well | 3.4 | 15 I | mmature | N/A | | A portion of the center of the stand is lowland jack pine. |
| | Canopy Species | % Cover | Size Class | DBH | l Age | | | | | | |
| | Jack Pine | 100 | Log | 2 | 15 | | | | | | |
| | | | | | | | | | | | |



| Stand | d Level 4 C | over Type | | Size De | ensity | Acres | s Stand Age BA Range Managed Site | | Site | General Comments | |
|-------|------------------------|------------------------|------------|----------|---------|--------|-----------------------------------|-----------|--------------|------------------|--|
| 26 | 4132 - Asp | en, Jack Pi | ne F | Poletimb | er Poor | 22.7 | 40 | 1-50 | N/A | A | Opening that has filled in over time. Could cut this at some point and |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | s Density | Avg. Height | Size | plant red or jack pine or leave as wildlife opening. A few pockets of older aspen. |
| | Quaking Aspen | 40 | Sapling | 6 | 40 | Qual | king Aspen | Low | 10 - 20 feet | 10 - 20 feet | oldor doporti. |
| | Bigtooth Aspen | 10 | Sapling | 6 | | WI | nite Pine | Trace | Variable | Variable | |
| | White Pine | 1 | | 16 | | Bla | ck Cherry | Low | 10 - 20 feet | 10 - 20 feet | |
| | Jack Pine | 20 | Seedling | 8 | | | | | | | |
| | Black Cherry | 29 | Sapling | 6 | | | | | | | |
| 27 | 42121 - Planted Dec | I Jack Pine, iduous | Mixed | Sapling | g Well | 13.7 | 15 | Immature | N/A | A | Stand was cut as part of Trashy Pine Sale #41-018-07. Stand was cut in the spring of 2008. Stand was trenched and planted under FTP C41- |
| | Canopy Species | % Cover | Size Class | DBH | l Age | | | | | | 1338. The 2010 regeneration check had 846 jack pine, 27 other conifer. The stand was sprayed with Accord at a rate of 1.5 quarts per |
| | Jack Pine | 70 | Log | 2 | 15 | | | | | | acre by helicopter. Stand passed the 2012 regeneration check and |
| | Quaking Aspen | 30 | Pole | 3 | | | | | | | FTP C41-1338 is closed. |
| 28 | 500 | - Water | | No | ne | 7.1 | | | No |) | |
| 29 | 4130 | - Aspen | F | Poletimb | er Well | 13.5 | 35 | Immature | N/A | 4 | The stand was cut as part of Pipeline Block Sale #41-004-88. The |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | s Density | Avg. Height | Size | sale was cut in 1989-1990. |
| | Quaking Aspen | 90 | Sapling | 5 | 35 | Ва | lsam Fir | Trace | 5 - 10 feet | 5 - 10 feet | |
| | Jack Pine | 5 | Seedling | 8 | | Bla | ck Cherry | Trace | 5 - 10 feet | 5 - 10 feet | |
| | Black Cherry | 5 | Pole | 4 | | | | | | | |
| 30 | 3303 - Mixed L | ow Density | Trees | No | ne | 23.2 | | | No | 1 | |
| | | | | | | Sub-Ca | nopy Species | s Density | Avg. Height | Size | |
| | | | | | | Ja | ick Pine | Low | >20 feet | >20 feet | |
| | | | | | | Ja | ick Pine | Medium | 10 - 20 feet | 10 - 20 feet | |
| | | | | | | Bla | ck Cherry | Low | 10 - 20 feet | 10 - 20 feet | |
| | | | | | | Qual | king Aspen | Low | >20 feet | >20 feet | |
| 31 | 310 - Herbac | eous Open | land | No | ne | 1.7 | | | No | 1 | |
| | | | | | | Sub-Ca | nopy Species | s Density | Avg. Height | Size | |
| | | | | | | Ja | ick Pine | Low | Variable | Variable | |

Report 7 - Stands



| Stanc | Level 4 C | over Type | | Size De | ensity | Acres | Stand Age I | BA Range | Managed S | ite | General Comments |
|-------|--------------------|-------------|------------------|----------|---------|--------|--------------|----------|-------------|-------------|---|
| 32 | 6124 - Lowla | and Spruce | -Fir | Poletimb | er Well | 9.1 | 96 | 81-110 | N/A | A | The cedar is mostly in one dense group in the south part of the stand. |
| | Canopy Species | % Cover | Size Class | DBI | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Paper Birch | 5 | Seedling | 8 | | Ва | lsam Fir | Low | Variable | Variable | |
| | Balsam Fir | 10 | Seedling | 8 | | Та | ag Alder | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Tamarack | 5 | Seedling | 6 | | | | | | | _ |
| | White Spruce | 3 | | 12 | | | | | | | |
| | Black Spruce | 45 | Seedling | 9 | 96 | | | | | | |
| No | rthern White Cedar | 15 | | 12 | | | | | | | |
| | Quaking Aspen | 2 | Seedling | 9 | | | | | | | |
| | Red Pine | 5 | | 14 | | | | | | | |
| | Jack Pine | 10 | Seedling | 8 | | | | | | | |
| 33 | 4130 | - Aspen | | Saplin | g Well | 1.7 | 17 | Immature | N/A | ٨ | Stand was cut as part of Trashy Pine Sale #41-018-17. TCR date |
| | Canopy Species | % Cover | Size Class | DBI | l Age | | | | | | 5/20/2008. TSI done under FTP W41-1339 with completion date of 9/11/2008. |
| | Quaking Aspen | 100 | Log | 2 | 17 | | | | | | 5/11/2555. |
| 34 | 4130 | - Aspen | | Saplin | g Well | 2.3 | 27 | 1-50 | N/A | 1 | |
| | Canopy Species | % Cover | Size Class | DBI | l Age | | | | | | |
| | Quaking Aspen | 90 | Pole | 4 | 27 | | | | | | |
| | Balsam Fir | 5 | Sapling | 6 | | | | | | | |
| | Jack Pine | 5 | Pole | 4 | | | | | | | |
| 35 | 6122 - BI | lack Spruce | , | Poletimb | er Well | 16.6 | 56 | 51-80 | N/A | ٨ | South end of the stand is where most of the cedar is located. There |
| | Canopy Species | % Cover | Size Class | DBI | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | are several stream tributaries located in this part of the stand.NE 1.2 acres is 95 year old 8-9" black spruce. |
| | Paper Birch | 10 | Seedling | 9 | | Ta | ag Alder | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Black Spruce | 55 | Sapling | 5 | 56 | Ва | lsam Fir | Medium | Variable | Variable | |
| No | rthern White Cedar | 20 | | 12 | 111 | | | | | | _ |
| | Balsam Fir | 10 | Seedling | 7 | | | | | | | |
| | Tamarack | 5 | Seedling | 6 | | | | | | | |
| 36 | 4136 - Asper | n, Mixed Co | nifer | Poletimb | er Well | 6.7 | 27 | 1-50 | N/A | ١ | Stand is the transition area between upland and a lowland stand and |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | the Dufour Creek. Thick tag alder in the low areas. |
| | Red Maple | 3 | Sapling | 6 | | Ta | ag Alder | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Balsam Fir | 15 | Pole | 4 | | Ва | lsam Fir | Low | 5 - 10 feet | 5 - 10 feet | |
| | Daisaili i ii | | | | | | nite Pine | Low | < 5 feet | < 5 feet | |
| | Quaking Aspen | 70 | Pole | 4 | 27 | Wh | lite Pine | LOW | < 3 leet | < 3 leet | |
| | | 70 5 | Pole | 4 16 | 27 | Wh | iile Pine | LOW | < 5 leet | < 3 1661 | |
| | Quaking Aspen | | Pole Seedling | | 27 | Wr | ille Pine | LOW | < 3 leet | < 3 leet | |



| Stand | d Level 4 C | over Type | | Size Density | Acres | Stand Age E | BA Range | Managed Si | te | General Comments | MICHIGAN |
|-------|--|--------------------|---------------------------------------|--------------------------------|-------|---|----------------------|-------------------------------|----------------------|--|---------------|
| 37 | 4130 | - Aspen | | Poletimber Well | 11.1 | 53 | 81-110 | N/A | | The stand is lower quality and starting to break up. | Diameters are |
| | Canopy Species Quaking Aspen Jack Pine Black Cherry | % Cover 96 1 2 | Size Class Seedling Seedling Seedling | 9 53 9 8 | | anopy Species ick Cherry | Density Trace | Avg. Height >20 feet | Size >20 feet | slightly smaller in the southern 1/3 of the stand. | |
| 38 | Red Pine 42220 - Nat | 1 ural Jack P | Pine | 16 Sapling Well | 1.6 | 27 | Immature | N/A | | Cut in 1998 as part of Dufour Creek sale. | |
| | Canopy Species Jack Pine | % Cover 100 | Size Class Log | DBH Age 4 27 | | | | | | | |
| 39 | 3102 | - Grass | | None | | anopy Species | | Avg. Height | Size | | |
| | | | | | | Red Pine ack Pine | Low | >20 feet >20 feet | >20 feet >20 feet | | |
| 40 | 42120 - Plan Canopy Species Quaking Aspen Jack Pine | | Size Class Sapling Sapling | DBH Age 6 6 36 | 9.8 | 36 | 51-80 | N/A | | | |
| 41 | | - Aspen | | Sapling Well | 5.2 | | Immature | N/A | | This stand was cut as part of Dufour Creek in 1998 | |
| | Canopy Species Jack Pine Black Cherry Quaking Aspen | % Cover 10 10 80 | Size Class Log Log Log | DBH Age 4 3 4 27 | | anopy Species alsam Fir | Density Trace | Avg. Height 5 - 10 feet | Size 5 - 10 feet | | |
| 42 | 310 - Herbac | eous Open | ıland | None | 18.4 | | | No | | Edison Sault Transmission Line. | |
| 43 | 3102 | - Grass | | None | 2.8 | | Danaitu | No Aver United | Size | 7 | |
| | | | | | Qua | anopy Species king Aspen ed Maple | Low Low | Avg. Height >20 feet >20 feet | >20 feet >20 feet | | |
| 44 | 42110 - Pla | nted Red P | ine | Poletimber Well | 31.7 | 33 | 81-110 | N/A | | | |
| | Canopy Species Jack Pine Bigtooth Aspen Red Pine | % Cover 5 10 85 | Size Class Pole Sapling Sapling | DBH Age | | | | | | | |



| Stan | d Level 4 C | over Type | | Size De | nsity | Acres S | tand Age B | A Range | Managed Si | te | General Comments | MICHIGAH |
|------|-------------------|-------------|------------|----------|---------|----------|------------|---------|-------------|-------------|---|--------------------------|
| 45 | 4310 - Pi | ne, Oak Mix | x | Sawtimb | er Well | 68.5 | 72 | 81-110 | N/A | | 2/6/19: Stand was cut as part of Big Hero Mix Sale #41-026-1 TCR Date 1/22/2019. | 7-01. |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Cano | py Species | Density | Avg. Height | Size | 10K Date 1/22/2019. | |
| | Quaking Aspen | 15 | Pole | 4 | 30 | Quaking | g Aspen | Medium | >20 feet | >20 feet | | |
| | White Pine | 8 | | 9 | | White | Pine | Medium | < 5 feet | < 5 feet | | |
| | Red Oak | 37 | | 11 | 97 | Red | Oak | Medium | Variable | Variable | | |
| | Red Pine | 40 | | 10 | 72 | Red N | Maple | Low | Variable | Variable | | |
| 46 | 42220 - Nat | ural Jack P | ine | Poletimb | er Well | 38.1 | 46 | 81-110 | N/A | | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Cano | py Species | Density | Avg. Height | Size | | |
| | Bigtooth Aspen | 10 | Seedling | 8 | 46 | White | Pine | Trace | 5 - 10 feet | 5 - 10 feet | | |
| | White Pine | 1 | | 14 | | | | | | | - | |
| | Jack Pine | 89 | Seedling | 7 | 46 | | | | | | | |
| 47 | 4130 | - Aspen | | Poletimb | er Well | 21.4 | 48 | 81-110 | N/A | | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Cano | py Species | Density | Avg. Height | Size | | |
| | Quaking Aspen | 38 | | 8 | | Quaking | g Aspen | Low | >20 feet | >20 feet | | |
| | Bigtooth Aspen | 55 | Seedling | 8 | 48 | Black | Cherry | Trace | Variable | Variable | | |
| | White Pine | 1 | | 16 | | Balsa | m Fir | Trace | Variable | Variable | | |
| | Jack Pine | 3 | Seedling | 9 | | | | | | | - | |
| | Black Cherry | 2 | Seedling | 7 | | | | | | | | |
| | Red Pine | 1 | | 14 | | | | | | | | |
| 48 | 790 - Other Bare/ | Sparsely V | egetated | Nor | e | 1.8 | | | No | | The stand is an old sand pit. It is now used as a scramble are ATVs and 4-wheel-drive pick ups. In 2011, the stand was put RDR database for ORV issues (#41083772010001). In July 2010, an Intrusive Activity Memo was circulated to allo Nursery to get 20 cu yards of sand from the site for a project t conduct site rehabilitation to curtail illegal activity. The project occurred. | into the w the o |
| 49 | 42120 - Plar | nted Jack P | Pine | Sapling | Well | 10.4 | 17 I | mmature | N/A | | In 1997, the stand was damaged by a windstorm and was har | |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | in 1998. The stand was harvested as part of Trashy Pine Sale 018-07 and cut in the spring of 2008. Planting occurred in the | |
| | Jack Pine | 90 | Log | 2 | 17 | | | | | | of 2009 under FTP C41-1338 (jack pine regeneration). | sping |
| | Red Maple | 5 | Log | 1 | | | | | | | , | |
| | Bigtooth Aspen | 5 | Log | 2 | | | | | | | | |
| 50 | 3102 | - Grass | | Nor | ne | 175.9 | | | No | | This stand was burned in 1997 and then again on 4/22/2010. FW41-1474: Malus coronaria (native sweet crabapple) and Vibia meicanum (highbush cranberry) have been planted in the staplanting was done as a joint project between NWTF and Wildl Division. Planting was done outside of existing fire lines. Burne 2019 | urnum and. The ife |

Shingleton Mgt. Unit

Report 7 - Stands



| Stand | d Level 4 C | over Type | ; | Size De | ensity | Acres | Stand Age B | A Range | Managed S | ite | General Comments |
|-------|---------------------|--------------|------------|----------|----------|--------|--------------|---------|-------------|----------|---|
| 51 | 42220 - Nat | tural Jack P | rine Po | letimbe | r Medium | 8.4 | 36 | 1-50 | N/A | | |
| | Canopy Species | % Cover | Size Class | DBH | I Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Jack Pine | 77 | Seedling | 9 | 36 | Bla | ck Cherry | Trace | >20 feet | >20 feet | |
| | Black Cherry | 5 | Seedling | 8 | | | | | | | |
| | Quaking Aspen | 15 | Seedling | 8 | | | | | | | |
| | Red Pine | 3 | Seedling | 7 | | | | | | | |
| 52 | 330 - Low- | Density Tre | es | No | ne | 6.1 | | | Yes | i | Stand was a grass opening and is filling in with aspen and jack pine. |
| | | | | | | Sub-Ca | nopy Species | Density | Avg. Height | Size | In 2010, the stand was planted with Malus coronoaria (native sweet crabapple) and Viburnum americanum (highbush cranberry) as part of |
| | | | | | | Qua | king Aspen | Low | >20 feet | >20 feet | a joint project between NWTF and wildlife division under FTP C41- |
| | | | | | | Já | ack Pine | Low | >20 feet | >20 feet | 1474. |
| | | | | | | Bla | ck Cherry | Low | >20 feet | >20 feet | |
| 53 | 4130 | - Aspen | P | Poletimb | er Well | 37.9 | 36 | 51-80 | N/A | | Stand was an old grass type that was burned in 1989. There's a |
| | Canopy Species | % Cover | Size Class | DBH | I Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | notable amount of pole sized red oak throughout the stand. |
| | Red Oak | 10 | | 6 | | W | hite Pine | Low | Variable | Variable | |
| | White Pine | 5 | | 10 | | Bla | ck Cherry | Medium | Variable | Variable | |
| | Black Cherry | 2 | Pole | 4 | | | | | | | _ |
| | Red Maple | 5 | Log | 3 | | | | | | | |
| | Bigtooth Aspen | 70 | Sapling | 7 | 36 | | | | | | |
| | Quaking Aspen | 8 | Seedling | 8 | | | | | | | |
| 54 | 4132 - Asp | en, Jack Pi | ne Po | | r Medium | 78.3 | 35 | 1-50 | N/A | | Old opening that has been filling in. Could be a candidate for clearcutting and converting to red pine in the future. |
| | Canopy Species | % Cover | Size Class | DBH | I Age | | | | | | clearcutting and converting to red pine in the ruture. |
| | Bigtooth Aspen | 25 | Log | 3 | 35 | | | | | | |
| | Quaking Aspen | 25 | Log | 3 | 35 | | | | | | |
| | Red Oak | 10 | Log | 3 | | | | | | | |
| | Jack Pine | 25 | Sapling | 6 | 35 | | | | | | |
| | Black Cherry | 15 | Log | 4 | | | | | | | |
| 55 | 4130 | - Aspen | F | Poletimb | er Well | 16.9 | 39 | 51-80 | N/A | | Cut in 1988. |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| No | orthern White Cedar | 1 | Seedling | 6 | | Ва | alsam Fir | Medium | Variable | Variable | |
| | Balsam Fir | 5 | Sapling | 5 | | | | | | | - |
| | Quaking Aspen | 80 | Sapling | 5 | 39 | | | | | | |
| | Black Cherry | 1 | Seedling | 6 | | | | | | | |
| | Red Maple | 3 | Log | 4 | | | | | | | |
| | Paper Birch | 10 | Sapling | 5 | | | | | | | |

Report 7 - Stands



| | d Level 4 Co | over Type | | Size De | nsity | Acres | Stand Age | BA Range | Managed Si | te | General Comments | MICHIGAN |
|----|--|---|------------------------------|--|---------------------------|--|---|---|---|---|--|----------|
| 56 | 4134 - Aspe | en, Spruce/ | Fir : | Sapling N | /ledium | 23.7 | 7 | Immature | N/A | | Cut as part of Big Hero Mix 41-026-17 in 2018. | |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | |
| | Quaking Aspen | 65 | Log | 1 | 7 | | | | | | | |
| | Balsam Fir | 30 | Log | 2 | | | | | | | | |
| | White Spruce | 5 | Log | 1 | | | | | | | | |
| 57 | 4130 - | - Aspen | | Poletimb | er Well | 50.5 | 45 | 81-110 | N/A | | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | | |
| | Quaking Aspen | 47 | Seedling | 8 | 45 | Re | d Maple | Medium | < 5 feet | < 5 feet | | |
| | Balsam Fir | 1 | Seedling | 6 | | Wh | nite Pine | Trace | Variable | Variable | | |
| | White Pine | 3 | | 14 | | Blad | ck Cherry | Trace | Variable | Variable | | |
| | Jack Pine | 2 | Seedling | 9 | | Ва | lsam Fir | Trace | Variable | Variable | | |
| | Black Cherry | 1 | Seedling | 9 | | | | | | | _ | |
| | White Spruce | 1 | | 9 | | | | | | | | |
| | Red Pine | 2 | | 14 | | | | | | | | |
| | Red Maple | 2 | | 9 | | | | | | | | |
| | Paper Birch | 1 | Seedling | 9 | | | | | | | | |
| | Bigtooth Aspen | 40 | Seedling | 8 | | | | | | | | |
| | | | | | | | | | | | | |
| 58 | 622 - Low | land Shrub |) | Non | ie | 4.6 | | | No | | | |
| 58 | 622 - Low | land Shrub |) | Non | ie | | nopy Species | s Density | Avg. Height | Size | | |
| 58 | 622 - Low | land Shrub |) | Non | ie | Sub-Ca | nite Pine | S Density Low | | Size >20 feet | | |
| 58 | 622 - Low | land Shrub |) | Non | ie | Sub-Ca | | | Avg. Height | | | |
| 58 | 622 - Low | rland Shrub |) | Non | ie | Sub-Ca Wh Pap | nite Pine | Low | Avg. Height >20 feet | >20 feet | | |
| 59 | 622 - Low 4199 - Other Mixed | | | Non Sawtimbe | | Sub-Ca Wh Pap | nite Pine per Birch | Low | Avg. Height >20 feet 10 - 20 feet | >20 feet 10 - 20 feet | | |
| | | d Upland D | | | er Well | Sub-Ca Wh Pap Ta | nite Pine per Birch ag Alder | Low Low Medium 81-110 | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet | >20 feet 10 - 20 feet | | |
| | 4199 - Other Mixed | d Upland D | eciduous | Sawtimbo | er Well | Sub-Ca Wh Pap Ta 6.3 Sub-Ca | per Birch ag Alder | Low Low Medium 81-110 | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A | >20 feet 10 - 20 feet 5 - 10 feet | | |
| | 4199 - Other Mixed | d Upland D % Cove r | eciduous Size Class | Sawtimbo DBH | er Well | Sub-Ca Wh Pap Ta 6.3 Sub-Ca | nite Pine per Birch ag Alder 88 nopy Species | Low Low Medium 81-110 S Density | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height | >20 feet 10 - 20 feet 5 - 10 feet | | |
| | 4199 - Other Mixed Canopy Species Balsam Fir | d Upland D % Cover 1 | eciduous Size Class Seedling | Sawtimbo | er Well | Sub-Ca Wh Pap Ta 6.3 Sub-Ca Inc | nite Pine per Birch ag Alder 88 nopy Species | Low Low Medium 81-110 B Density Medium | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet | >20 feet 10 - 20 feet 5 - 10 feet Size >20 feet | | |
| | 4199 - Other Mixed Canopy Species Balsam Fir Beech | d Upland D **Cover 1 1 | eciduous Size Class Seedling | Sawtimbe DBH | er Well | Sub-Ca Wh Pay Ta 6.3 Sub-Ca Irc Sug Ba | nite Pine per Birch ag Alder 88 nopy Species pnwood gar Maple | Low Low Medium 81-110 S Density Medium Low | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet Variable | >20 feet 10 - 20 feet 5 - 10 feet Size >20 feet Variable | | |
| | 4199 - Other Mixed Canopy Species Balsam Fir Beech Red Oak | d Upland D **Cover 1 1 40 | eciduous Size Class Seedling | Sawtimbe DBH 8 8 | er Well | Sub-Ca Wh Pay Ta 6.3 Sub-Ca Irc Sug Ba | nite Pine per Birch ag Alder 88 nopy Species pnwood gar Maple lsam Fir | Low Low Medium 81-110 S Density Medium Low Trace | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet Variable 10 - 20 feet | >20 feet 10 - 20 feet 5 - 10 feet Size >20 feet Variable 10 - 20 feet | | |
| | 4199 - Other Mixed Canopy Species Balsam Fir Beech Red Oak White Pine | d Upland D **Cover 1 1 40 3 | eciduous Size Class Seedling | Sawtimbe DBH | er Well | Sub-Ca Wh Pay Ta 6.3 Sub-Ca Irc Sug Ba | nite Pine per Birch ag Alder 88 nopy Species pnwood gar Maple lsam Fir | Low Low Medium 81-110 S Density Medium Low Trace | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet Variable 10 - 20 feet | >20 feet 10 - 20 feet 5 - 10 feet Size >20 feet Variable 10 - 20 feet | | |
| | 4199 - Other Mixed Canopy Species Balsam Fir Beech Red Oak White Pine Sugar Maple | d Upland D **Cover 1 1 40 3 50 5 | Size Class Seedling Seedling | Sawtimbe DBH | er Well Age | Sub-Ca Wh Pal Ta 6.3 Sub-Ca Inc Sug Ba | nite Pine per Birch ag Alder 88 nopy Species pnwood gar Maple lsam Fir | Low Low Medium 81-110 S Density Medium Low Trace | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet Variable 10 - 20 feet | >20 feet 10 - 20 feet 5 - 10 feet Size >20 feet Variable 10 - 20 feet | Average BA is 50, and lower in some areas. | |
| 59 | 4199 - Other Mixed Canopy Species Balsam Fir Beech Red Oak White Pine Sugar Maple Red Pine | d Upland D **Cover* 1 | Size Class Seedling Seedling | Sawtimber Sawtimber Sawti | er Well Age | Sub-Ca Wh Pap Ta 6.3 Sub-Ca Irr Sug Ba I | nite Pine per Birch ag Alder 88 nopy Species pnwood gar Maple lsam Fir Beech | Low Low Medium 81-110 So Density Medium Low Trace Trace 51-80 | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet Variable 10 - 20 feet Variable | >20 feet 10 - 20 feet 5 - 10 feet Size >20 feet Variable 10 - 20 feet | Average BA is 50, and lower in some areas. | |
| 59 | 4199 - Other Mixed Canopy Species Balsam Fir Beech Red Oak White Pine Sugar Maple Red Pine 42290 - Natur | d Upland D **Cover* 1 | Size Class Seedling Seedling | Sawtimber Sawtimber Sawti | er Well Age 88 | Sub-Ca Wh Pap Ta 6.3 Sub-Ca Irr Sug Ba f | nite Pine per Birch ag Alder 88 nopy Species pnwood gar Maple Isam Fir Beech | Low Low Medium 81-110 So Density Medium Low Trace Trace 51-80 So Density High | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet Variable 10 - 20 feet Variable | >20 feet 10 - 20 feet 5 - 10 feet Size >20 feet Variable 10 - 20 feet Variable | Average BA is 50, and lower in some areas. | |
| 59 | 4199 - Other Mixed Canopy Species Balsam Fir Beech Red Oak White Pine Sugar Maple Red Pine 42290 - Natur Canopy Species | d Upland D Cover 1 1 40 3 50 5 Irral Mixed F | Size Class Seedling Seedling | Sawtimber DBH 8 8 14 14 10 14 awtimber | er Well Age 88 Medium Age | Sub-Ca Wh Pap Ta 6.3 Sub-Ca Ird Sug Ba I 16.9 Sub-Ca Quak | nite Pine per Birch ag Alder 88 nopy Species pnwood gar Maple llsam Fir Beech 69 nopy Species | Low Low Medium 81-110 So Density Medium Low Trace Trace 51-80 So Density | Avg. Height >20 feet 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet Variable 10 - 20 feet Variable N/A Avg. Height | >20 feet 10 - 20 feet 5 - 10 feet Size >20 feet Variable 10 - 20 feet Variable | Average BA is 50, and lower in some areas. | |



| Stand | | over Type | | Size De | nsity | Acres | Stand Age B | A Range | Managed S | ite | General Comments |
|-------|---------------------|-------------|------------|-----------|---------|--------|--------------|---------|--------------|--------------|--|
| 61 | 6120 - Lo | wland Ceda | ar | Sawtimb | er Well | 4.3 | 87 | 171-200 | N/A | | The stand has been salvaged a couple of times from high water and |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | wind storm in 1997. |
| | Balsam Fir | 10 | Seedling | 8 | | Re | d Maple | Low | Variable | Variable | |
| | Black Spruce | 10 | Seedling | 8 | | Ва | lsam Fir | Low | Variable | Variable | |
| No | orthern White Cedar | 80 | | 13 | 87 | | | | | | _ |
| 62 | 42110 - Pla | nted Red P | Pine | Sapling | ı Well | 35.9 | 23 | 1-50 | N/A | | This stand was converted to red pine. The stand was burned in the |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | summer of 1999, trenched and hand planted in the spring of 2000. |
| | Jack Pine | 5 | Pole | 4 | | | | | | | |
| | Red Pine | 95 | Pole | 4 | 23 | | | | | | |
| 63 | 42110 - Pla | nted Red P | ine | Sawtimb | er Well | 26.2 | 62 | 141-170 | N/A | | Stand was cut as part of Big Hero Mix Sale #41-026-17. TCR Date |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | 1/22/2019. |
| | Red Maple | 1 | Seedling | 7 | | R | ed Oak | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Quaking Aspen | 1 | Seedling | 7 | | Wh | nite Pine | Low | < 5 feet | < 5 feet | |
| | White Pine | 1 | | 16 | | | | | | | _ |
| | Red Oak | 2 | | 14 | | | | | | | |
| | Red Pine | 95 | | 11 | 62 | | | | | | |
| 64 | 429 - Mixed l | Jpland Con | nifers P | Poletimbe | Mediur | m 15.4 | 31 | 1-50 | N/A | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Paper Birch | 2 | Seedling | 9 | | Ва | lsam Fir | High | Variable | Variable | |
| | White Pine | 40 | Sapling | 6 | 31 | Wł | nite Pine | Medium | >20 feet | >20 feet | |
| | Jack Pine | 10 | Seedling | 7 | | | | | | | - |
| | Balsam Fir | 38 | Pole | 3 | | | | | | | |
| | Black Spruce | 3 | Seedling | 8 | | | | | | | |
| No | orthern White Cedar | 5 | | 9 | | | | | | | |
| | Quaking Aspen | 2 | Seedling | 8 | | | | | | | |
| 65 | 4133 - Aspe | en, Mixed P | ine P | Poletimbe | Mediur | m 13.9 | 30 | 1-50 | N/A | | Portions of the stand were cut in 1995 with Ed's Removal harvest. |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | There's a good amount of oak regeneration and well distributed oak poles throughout the stand. |
| | Red Oak | 35 | | 6 | | R | ed Oak | Medium | 10 - 20 feet | 10 - 20 feet | 1 |
| | White Pine | 10 | | 9 | | Wh | nite Pine | Low | Variable | Variable | |
| | Red Pine | 15 | | 14 | 80 | Blad | ck Cherry | Trace | 5 - 10 feet | 5 - 10 feet | |
| | Quaking Aspen | 40 | Sapling | 5 | 30 | R | ed Pine | Trace | 10 - 20 feet | 10 - 20 feet | |
| | 2422 | - Grass | | Noi | | 2.7 | | | No | | |



| Stand | d Level 4 C | over Type | | Size De | ensity | Acres | Stand Age B | BA Range | Managed S | Site | General Comments |
|-------|-------------------------|----------------------|------------|---------|---------|--------|--------------|----------|--------------|--------------|---|
| 67 | 4119 - Mixed No | orthern Har | dwoods | Sawtimb | er Well | 22.5 | 80 | 81-110 | N/A | A | 2025: Paper birch is beginning to die back. The paper birch is what |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | bumps this into a log stand. Stand is developing a thick balsam fir understory.2015: Some decent poles and logs. Stand would |
| | Quaking Aspen | 1 | Seedling | 9 | | Ва | lsam Fir | High | 5 - 10 feet | 5 - 10 feet | benefit from a thinning to open up some of the advanced |
| | Balsam Fir | 1 | Seedling | 7 | | Sug | ar Maple | Medium | >20 feet | >20 feet | regeneration. 2/7/2019: Stand was cut as part of Big Hero Mix Sale #41-026-17-01. TCR Date 1/22/2019. |
| | Beech | 1 | | 16 | | Re | d Maple | Medium | >20 feet | >20 feet | #41-026-17-01. TCR Date 1/22/2019. |
| | Red Oak | 1 | | 18 | | [| Beech | Low | Variable | Variable | |
| | Hemlock | 1 | | 12 | | | | | | | |
| | Sugar Maple | 22 | Seedling | 8 | | | | | | | |
| | Red Maple | 46 | Seedling | 9 | 80 | | | | | | |
| | Paper Birch | 26 | | 12 | | | | | | | |
| | White Pine | 1 | | 16 | | | | | | | |
| 68 | 4136 - Asper | n, Mixed Co | nifer | Saplin | g Well | 17.5 | 15 | Immature | N/A | 4 | Stand was cut in the spring of 2010 as part of Asp's Lanes Sale # 41- |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | 019-07-01. |
| | Bigtooth Aspen | 80 | Log | 2 | 15 | Ва | lsam Fir | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Balsam Fir | 15 | Log | 2 | | | | | | | |
| | Red Pine | 2 | | 12 | | | | | | | |
| | White Pine | 3 | | 12 | | | | | | | |
| 69 | 4191 - Mixed Upla Co | and Decidu onifer | ous with | Sapling | g Well | 11.6 | 35 | 1-50 | N/A | 4 | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Ironwood | 4 | Log | 3 | | Ва | lsam Fir | Medium | 10 - 20 feet | 10 - 20 feet | |
| | Red Oak | 1 | Seedling | 8 | | | | , | | | - |
| | Sugar Maple | 15 | Log | 3 | | | | | | | |
| | Red Maple | 35 | Log | 4 | 35 | | | | | | |
| | Paper Birch | 25 | Log | 4 | | | | | | | |
| | Balsam Fir | 20 | Pole | 4 | | | | | | | |
| 70 | 42110 - Pla | nted Red P | ine | Sawtimb | er Well | 3.2 | 60 | 141-170 | N/A | 4 | 0/0/40 Title of the control of the co |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | 7 2/6/19: This stand was cut as part of Big Hero Mix Sale #41-026-17- 01. TCR Date 1/22/2019. Stand was cut as part of Asp's Lane sale |
| | Red Maple | 1 | Seedling | 7 | | R | ed Oak | Low | Variable | Variable | #41-019-07-01. |
| | Quaking Aspen | 1 | Seedling | 7 | | | | , | | , | - |
| | Red Oak | 1 | | 16 | | | | | | | |
| | Red Pine | 97 | | 12 | 60 | | | | | | |
| | | | | | | | | | | | |

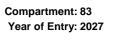
| | OF NA | URAL |
|-------|-------|------|
| RTME | 14 | 1 |
| AGEPA | DNR | |
| | MICHI | GAH |

| Stand | d Level 4 C | over Type | | Size De | nsity | Acres S | tand Age B | A Range | Managed Si | te | General Comments |
|-------|----------------|-------------|------------|----------|---------|----------------|------------------------|---------|----------------------|----------|---|
| 71 | 4130 | - Aspen | | Poletimb | er Well | 22.1 | 56 | 81-110 | N/A | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Cano | py Species | Density | Avg. Height | Size | |
| | Quaking Aspen | 35 | Seedling | 9 | 56 | Balsa | am Fir | Medium | Variable | Variable | |
| | Balsam Fir | 15 | Pole | 4 | | Red | Oak | Trace | Variable | Variable | |
| | Red Oak | 3 | | 14 | | Iron | wood | Trace | >20 feet | >20 feet | |
| | White Pine | 3 | | 14 | | | | | | | |
| | Black Cherry | 3 | Seedling | 8 | | | | | | | |
| | Red Maple | 3 | Seedling | 8 | | | | | | | |
| | Paper Birch | 3 | Sapling | 5 | | | | | | | |
| | Bigtooth Aspen | 35 | Seedling | 9 | | | | | | | |
| 72 | 42110 - Pla | inted Red P | ine | Sapling | Poor | 39.4 | 4 I | mmature | N/A | | This stand was burned in 1997 and then again on 4/22/2010. FTP# |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | W41-1474: Malus coronaria (native sweet crabapple) and Viburnum ameicanum (highbush cranberry) have been planted in the stand. The |
| | Red Pine | 100 | Log | 1 | 4 | | | | | | planting was done as a joint project between NWTF and Wildlife |
| | | | | | | | | | | | contractor for Hamilton Helicoptors). Weather (on site) = Sunny/partly cloudy 40% cover, 72.8 degrees, Wind light to 2.0 mph from the W/SW, RH 47.8%. Vegetation was dry. Started spraying around 4:45pm. Sprayed 41085030/41086077 site first, then moved to 41083072. Completed first site at 5:45pm. Completed 42083072 spraying at 6:55pm. At completion temp was 70.0 degrees, RH 59.6%, wind was calm to 2.5 mph from the SW, sunny with 25% clou cover. No rain in previous 12 hrs. No rain forecast for 48 hrs after application.Site Prep Treatment - Sprayed Element 4 @ 2.0 qt./acre and Rodeo @ 3.0 qt./acre. Surfactant of TA-39 at a rate of 5.12 oz/acre.Total herbicide cost = \$10,240.18. Per acre = \$85.41/acre for Site Prep. This doesn't include any DNR labor/wages. Specific costs of herbicides and contract can be found on the PAP1st year regeneration check showed 788 trees per acre12/9/24: 3rd year regeneration check completed and results are attached as a file. |
| 73 | 320 - Ur | oland Shrub | | Nor | ne | 4.9 | | | No | | are attached as a file. |
| | 5_5 0 p | 240 | | | | | | | | | - |
| 73 | | | | | | Sub-Cand | py Species | Density | Avg. Height | Size | |
| 13 | | | | | | | ppy Species g Aspen | Trace | Avg. Height >20 feet | | |
| 73 | | | | | | Quakin | • • • | Trace | >20 feet | >20 feet | |
| 73 | | | | | | Quakin Jack | g Aspen | | | >20 feet | |



| Stand | Level 4 Co | over Type | | Size De | nsity | Acres | Stand Age E | BA Range | Managed S | iite | General Comments |
|-------|------------------|--------------|------------|-----------|---------|---------|-------------|----------|--------------|--------------|---|
| 74 | 6120 - Lov | wland Ceda | ar | Sawtimb | er Well | 34.5 | 130 | 141-170 | N/A | 1 | |
| С | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Car | opy Species | Density | Avg. Height | Size | |
| | Paper Birch | 10 | | 9 | | Bal | sam Fir | Low | < 5 feet | < 5 feet | |
| | Balsam Fir | 5 | Seedling | 8 | | | | | | | |
| North | hern White Cedar | 85 | | 10 | 130 | | | | | | |
| 75 | 4311 - Pine | e, Aspen M | lix P | Poletimbe | Medium | 3.2 | 54 | 51-80 | N/A | 1 | |
| С | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Car | opy Species | Density | Avg. Height | Size | |
| | Jack Pine | 55 | Seedling | 9 | 54 | Blac | k Cherry | Low | Variable | Variable | |
| Е | Black Cherry | 5 | Sapling | 5 | | | | , | | | - |
| Bi | igtooth Aspen | 40 | Seedling | 9 | 54 | | | | | | |
| 76 | 6123 - L | owland Fir | | Sapling I | Medium | 6.2 | 28 | Immature | N/A | \ | Stand is the result of a 1997 wind storm. The stand was salvaged 2-3 |
| C | Canopy Species | % Cover | Size Class | DBH | l Age | | | | | | winters after the storm. There is some residual cedar and spruce in the stand. |
| | Paper Birch | 5 | Log | 2 | | | | | | | |
| E | Black Spruce | 5 | Log | 2 | | | | | | | |
| North | hern White Cedar | 40 | Log | 2 | | | | | | | |
| | Balsam Fir | 50 | Log | 2 | 28 | | | | | | |
| 77 | 6116 - Lo | wland Birch | า | Sapling | y Well | 4.9 | 28 | Immature | N/A | 1 | |
| С | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Car | opy Species | Density | Avg. Height | Size | |
| | Paper Birch | 65 | Log | 3 | 28 | Ta | g Alder | Low | 5 - 10 feet | 5 - 10 feet | |
| Q | uaking Aspen | 5 | Log | 4 | | Bal | sam Fir | Low | 5 - 10 feet | 5 - 10 feet | |
| | Balsam Fir | 20 | Log | 3 | | | | | | | |
| North | hern White Cedar | 10 | Log | 2 | | | | | | | |
| 78 | 4130 | - Aspen | | Poletimb | er Well | 3.6 | 47 | 81-110 | N/A | 1 | |
| C | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Car | opy Species | Density | Avg. Height | Size | |
| | Jack Pine | 5 | Seedling | 9 | | Blac | k Cherry | Low | 10 - 20 feet | 10 - 20 feet | |
| E | Black Cherry | 5 | Sapling | 5 | | | | | | | |
| Bi | igtooth Aspen | 90 | Seedling | 8 | 47 | | | | | | |
| 79 | 4211 - Plan | ited Red Pii | ne | Unspe | cifed | 21.4 | 1 | Immature | | | Stand was thinned for the third time last entry under sale # 41-019-07 01 Asp's Lanes. Sale TCR date 6/29/2010. Final harvest occurred in spring 2020. Trenched in spring 2022. Sprayed in spring 2023. Planted in spring 20241st year regeneration check completed. Results attached as file. Labeled as failure. Replant scheduled 7/22/25 Stand was replanted in spring of 2025. |
| 80 | 122 - Road | 1/D 1 | o t | Nor | | 5.5 | | | No | | Flodin Road. |

Report 7 - Stands





| Stand | d Level 4 C | over Type | | Size De | nsity | Acres | Stand Age B | A Range | Managed S | Site | General Comments |
|-------|---------------------|-------------|------------|----------|---------|--------|--------------|---------|--------------|--------------|--|
| 81 | 4131 - A | spen, Oak | | Sapling | y Well | 34.4 | 27 | 1-50 | N/A | A | Stand was cut in 1998 as part of Flodin Road Salvage sale. Most of |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | the regeneration is aspen but some oak is present. |
| | Red Oak | 20 | | 14 | 82 | R | ed Oak | Low | 5 - 10 feet | 5 - 10 feet | |
| | Red Maple | 5 | Log | 3 | | W | hite Pine | Medium | 10 - 20 feet | 10 - 20 feet | |
| | Bigtooth Aspen | 60 | Pole | 4 | 27 | Ja | ack Pine | Trace | 10 - 20 feet | 10 - 20 feet | |
| | White Pine | 5 | Seedling | 8 | | | | | | | |
| | Jack Pine | 10 | Pole | 4 | | | | | | | |
| 82 | 42110 - Pla | nted Red P | ine | Sapling | ı Well | 59.9 | 25 | 1-50 | N/A | 4 | Stand was cut in 1998 as part of Flodin Road Salvage sale. |
| | Canopy Species | % Cover | | | Age | | | | | | |
| | Jack Pine | 15 | Pole | 4 | 25 | | | | | | |
| | Red Oak | 1 | | 9 | | | | | | | |
| | Red Pine | 80 | Pole | 4 | 25 | | | | | | |
| | Bigtooth Aspen | 4 | Pole | 4 | | | | | | | |
| 83 | 330 - Low-l | Density Tre | es | Noi | ne _ | 10.0 | | | Yes | 5 | A private red pine plantation extends into the eastern edge of this stand. The plantation was recently third row thinned but the part on |
| | | | | | | Sub-Ca | nopy Species | Density | Avg. Height | Size | state land was left out of the harvest and there's fresh blue line in that |
| | | | | | | Qual | king Aspen | Low | >20 feet | >20 feet | location.Stand was a grass opening and is filling in with aspen and |
| | | | | | | | ed Pine | Medium | >20 feet | >20 feet | jack pine. In 2010, the stand was planted with Malus coronoaria (native sweet crabapple) and Viburnum americanum (highbush |
| | | | | | | | ack Pine | Low | >20 feet | >20 feet | cranberry) as part of a joint project between NWTF and wildlife |
| | | | | | | Bla | ck Cherry | Low | >20 feet | >20 feet | division under FTP C41-1474. |
| 84 | 6220 - A | lder/Willow | | Noi | ne _ | 1.8 | | | No | 1 | Tall tag alder with widely scattered aspen and a few balsam fir. |
| | | | | | | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | | | | | | Qual | king Aspen | Low | >20 feet | >20 feet | |
| | | | | | | Ta | ag Alder | High | 10 - 20 feet | 10 - 20 feet | |
| | | | | | | Ва | ılsam Fir | Trace | >20 feet | >20 feet | |
| 86 | 6220 - A | lder/Willow | | Noi | ne | 3.4 | | | No | • | |
| 87 | 6120 - Lo | wland Ceda | ar | Poletimb | er Well | 6.0 | 90 | 111-140 | N/A | Α | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Red Maple | 15 | | 9 | | | Alder | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Black Spruce | 5 | Sapling | 6 | | Ва | ılsam Fir | Low | Variable | Variable | |
| No | orthern White Cedar | 75 | Seedling | 8 | 90 | | | _ | 1 | | - |
| | White Pine | 5 | | 12 | | | | | | | |
| 88 | 6123 - L | owland Fir | | Sapling | y Well | 13.2 | 28 | 1-50 | N/A | A | Cedar blowdown area from the 1997 windstorm with balsam fir and |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | cedar regenerating. Too thick to walk through so edge visit. |
| | Balsam Fir | 50 | Log | 3 | 28 | Ta | ag Alder | Low | 5 - 10 feet | 5 - 10 feet | |
| No | orthern White Cedar | 45 | Pole | 3 | | | | | | | |
| | Paper Birch | 5 | Log | 3 | | | | | | | |



| Stand | Level 4 C | over Type | | Size De | nsity | Acres | Stand Age | BA Range | Managed Si | ite | General Comments |
|-------|--------------------|-------------|------------|----------|---------|---------|--------------|-----------|--------------|--------------|---|
| 94 | 6116 - Lo | wland Birch | n | Sapling | Well | 9.1 | 28 | 1-50 | N/A | | The northeast 2 acre strip cut area is older, consisting of 6" dbh paper birch, balsam fir, and cedar. |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Car | nopy Species | s Density | Avg. Height | Size | blich, balsam ill, and cedal. |
| | Balsam Poplar | 10 | Pole | 4 | | Bal | sam Fir | Low | Variable | Variable | |
| | Red Maple | 15 | Log | 3 | | Та | g Alder | Medium | 10 - 20 feet | 10 - 20 feet | |
| | Paper Birch | 65 | Pole | 3 | 28 | | | | | | |
| No | rthern White Cedar | 5 | Seedling | 6 | | | | | | | |
| | Balsam Fir | 5 | Pole | 4 | | | | | | | |
| 95 | 42110 - Pla | nted Red P | ine | Sawtimbe | er Well | 4.8 | 71 | 111-140 | N/A | | This stand was thinned in 2018 as part of Never Say Pine Again 41- |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | 015-16. |
| | Red Pine | 90 | | 12 | 71 | | | | | | |
| | Red Oak | 5 | | 11 | | | | | | | |
| | White Pine | 5 | | 12 | | | | | | | |
| 100 | 4130 | - Aspen | | Sapling | Well | 18.8 | 27 | 1-50 | N/A | | [12/17/24] The oak regeneration was heavily browsed.Stand was |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Car | nopy Species | s Density | Avg. Height | Size | cut in 1998. There is some good oak regeneration within the stand but a lot of it has been heavily browsed. There are some caged oak within |
| | Red Oak | 10 | | 12 | | Re | ed Oak | Trace | < 5 feet | < 5 feet | the stand. They seem to be doing well and they are about over browse |
| | Jack Pine | 10 | Pole | 4 | | | | | 1 | | height. |
| | Red Maple | 3 | Log | 3 | | | | | | | |
| | Bigtooth Aspen | 75 | Pole | 4 | 27 | | | | | | |
| | Balsam Fir | 2 | Seedling | 5 | | | | | | | |
| 104 | 42110 - Pla | nted Red P | ine | Sapling | Well | 18.2 | 25 | Immature | N/A | | Cut in 1998 as part of Flodin Road Salvage sale. |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | |
| | Bigtooth Aspen | 5 | Log | 4 | | | | | | | |
| | Jack Pine | 25 | Log | 4 | | | | | | | |
| | Red Pine | 70 | Pole | 4 | 25 | | | | | | |
| 107 | 4130 | - Aspen | | Sapling | Well | 5.3 | 15 | 1-50 | N/A | | Stand was cut as part of Thompson Plains ROWs Sale # 41-027-06- |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Car | nopy Species | s Density | Avg. Height | Size | 7 01. Sale was cut in the summer of 2010. This was cut along with stand 54 in the adjacent compartment. |
| | Bigtooth Aspen | 88 | Log | 2 | 15 | Re | d Maple | Low | 5 - 10 feet | 5 - 10 feet | |
| | Red Oak | 3 | | 14 | 82 | Ja | ck Pine | Trace | 5 - 10 feet | 5 - 10 feet | |
| | Red Oak | 3 | Log | 4 | | | | | | | - |
| | White Pine | 5 | | 14 | | | | | | | |
| | Red Pine | 1 | | 12 | | | | | | | |
| 110 | 42110 - Pla | nted Red P | ine | Sapling | Well | 16.1 | 25 | 1-50 | N/A | | [12/17/24] Stand is doing good. Regeneration survey results show |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | 816 red pine trees/acre and 210 volunteers per acres. Portions of the site were released in June 2006 with Velpar. FTP is being opened to |
| | Bigtooth Aspen | 15 | Pole | 4 | | | | | | | evaluate the effectiveness of the herbicide application. |
| | Jack Pine | 20 | Pole | 4 | | | | | | | |
| 1 | Red Pine | 65 | Pole | 4 | 25 | | | | | | |



| 114 Level 4 Cover | | over Type | ver Type | | Size Density | | Stand Age I | BA Range | Managed S | ite | General Comments |
|----------------------|--------------------------|-----------------------------------|------------|-----------------|--------------|----------------------|--------------|----------|--------------|--------------|---|
| | |) - Aspen | | Poletimber Well | | 24.0 | 37 | 51-80 | N/A | | Cut in 1988. |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| Quaking Aspen | | 60 | Sapling | 6 | 37 | Ва | lsam Fir | Low | Variable | Variable | |
| Northern White Cedar | | 1 | | 10 | | | | | | | |
| | Balsam Poplar | 5 | Sapling | 6 | | | | | | | |
| | Balsam Fir | 5 | Sapling | 5 | | | | | | | |
| | Red Maple | 14 | Pole | 4 | | | | | | | |
| | Paper Birch | 15 | Sapling | 5 | | | | | | | |
| 115 | | nd Coniferous, Mixed Deciduous | | Sapling Well | | 6.7 | 34 | 1-50 | N/A | | Dense cedar saplings that is being over topped by paper birch saplings. Should be a dense cedar stand in the future. Cut in 1991. |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | |
| | Paper Birch | 30 | Log | 3 | | | | | | | |
| | Balsam Fir | 25 | Pole | 3 | 34 | | | | | | |
| Nor | thern White Cedar | 45 | Log | 3 | 34 | | | | | | |
| 116 | 6123 - L | Lowland Fir | | Sapling Well | | 5.3 21 1- | | 1-50 | N/A | | The balsam fir has died back and some cedar has blown down. Stand |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | has changed to immature with balsam fir saplings and some cedar regeneration. |
| | Yellow Birch | 3 | | 10 | | Ta | ıg Alder | High | 10 - 20 feet | 10 - 20 feet | |
| | Balsam Fir | 75 | Log | 2 | 21 | Balsam Fir | | Medium | Variable | Variable | |
| Nor | thern White Cedar | 10 | | 10 | | Northern White Cedar | | Low | 10 - 20 feet | 10 - 20 feet | |
| | Red Maple | 10 | | 10 | | | | | | | |
| | Paper Birch | 2 | Pole | 4 | | | | | | | |
| 125 | 42110 - Planted Red Pine | | Sapling | Well | 7.3 26 | | 51-80 | N/A | | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | | | | | | |
| | Jack Pine | 30 | Pole | 4 | | | | | | | |
| I | Bigtooth Aspen | 5 | Pole | 4 | | | | | | | |
| | Red Pine | 65 | Pole | 4 | 26 | | | | | | |
| 127 | 42221 - Natural Deci | Jack Pine, duous | Mixed | Sapling | Well | 3.8 | 25 | 1-50 | N/A | | Cut in 1998 as part of Dufour Creek sale. |
| | Canopy Species | | Size Class | | Age | | | | | | |
| (| Quaking Aspen | 25 | Pole | 3 | | | | | | | |
| | Jack Pine | 70 | Pole | 4 | 25 | | | | | | |
| | Black Cherry | 5 | Log | 3 | | | | | | | |