

Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12019 Entry Year 2027 Acreage: 2,514

County: Dickinson

Management Area: Ralph Moraine

Stand Examiner: Deb Goupell

Legal Description:

T44N R27W Sec 5-7 T44N R28W Sec1-3, 11, 12

Identified Planning Goals:

Manage all forested cover types on a sustainable yield. Develop an age class distribution within aspen cover type as directed by SFMP management plan, prescribing for harvest by age 50. Encourage diversity and conifers where possible.

Soil and topography:

The majority of the soils are fine sandy loams with 6-18% slope. There is relatively little lowland areas in this compartment.

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

Entirely State owned land; some private ownership on the west side.

Unique Natural Features:

Archeological, Historical, and Cultural Features:

None noted

Special Management Designations or Considerations:

Cold water streams on far west end.

Watershed and Fisheries Considerations:

This compartment contains Wild West Creek and Flat Rock Creek. Wild West Creek and Flat Rock Creek are designated Type 1 trout streams less than 50 feet wide and have predicted mean July water temperatures of 62.2 and 63.7°F (cold streams), respectively. A 300' buffer is recommended for Wild West Creek and Flat Rock Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100 feet, plus 5 feet per 1% increase in slope, riparian management zone is recommended to protect riparian areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is made up of relatively rich soils for the Ralph Ground Moraine Management Area. Much of the hardwood stands have a heavy oak component which is highly desirable by deer, bear, wild turkeys, and grouse. Thus, much of this area should be managed with acorn production in mind. Upland and lowland conifers that provide year round cover for many wildlife species is lacking in this compartment. Maintaining and enhancing the conifer component will provide cover and travel corridors from compartments to the south and north.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state. No active sand & gravel operations are known to exist in the area, but there is good potential for development of sand & gravel in the compartment on the upland drumlins. The compartment, however, might be too far from populated areas (commercial markets) for any aggregate resources present to have much value beyond use by the county road commission or DNR for local road maintenance. Some sparse ground-based exploration for metallic minerals has occurred in this area, but no known prospects have been identified, and potential for any economic development of metallic minerals within/beneath the compartment is considered low at this time. The nearest current leasing activity involving State-owned mineral rights is several miles west. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

Simpson Road (poor dirt road) and Tower Road (county gravel road) are the primary arteries of this compartment. Various two-track roads and trails cut through the interior.

Survey Needs:

None at this time

Recreational Facilities and Opportunities:

No facilities within the compartment; snowmobile trail is located a half mile southeast of the compartment boundary. This area heavily used by hunters, trappers, ATV riders, fishermen.

Fire Protection:

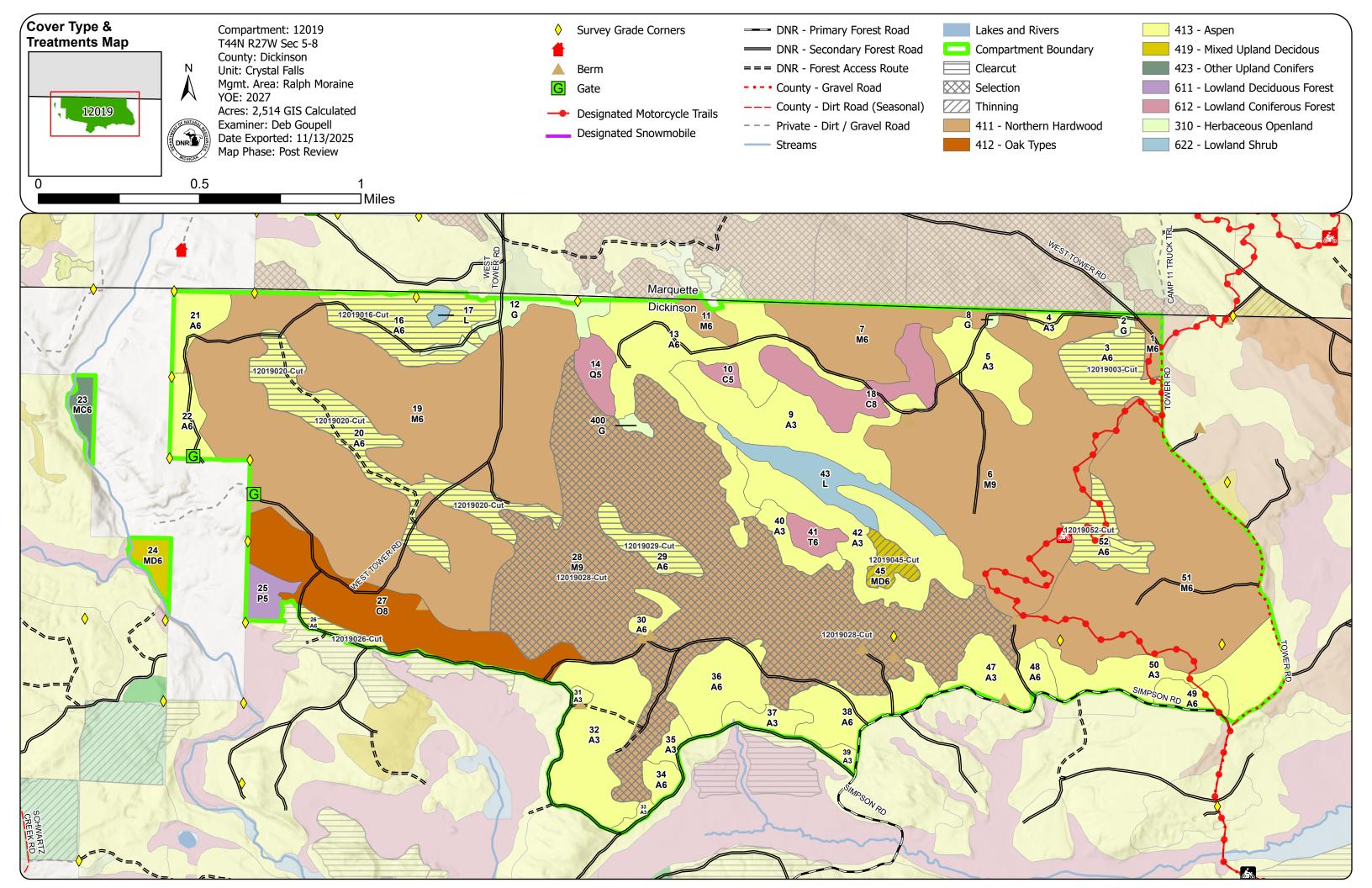
Additional Compartment Information:

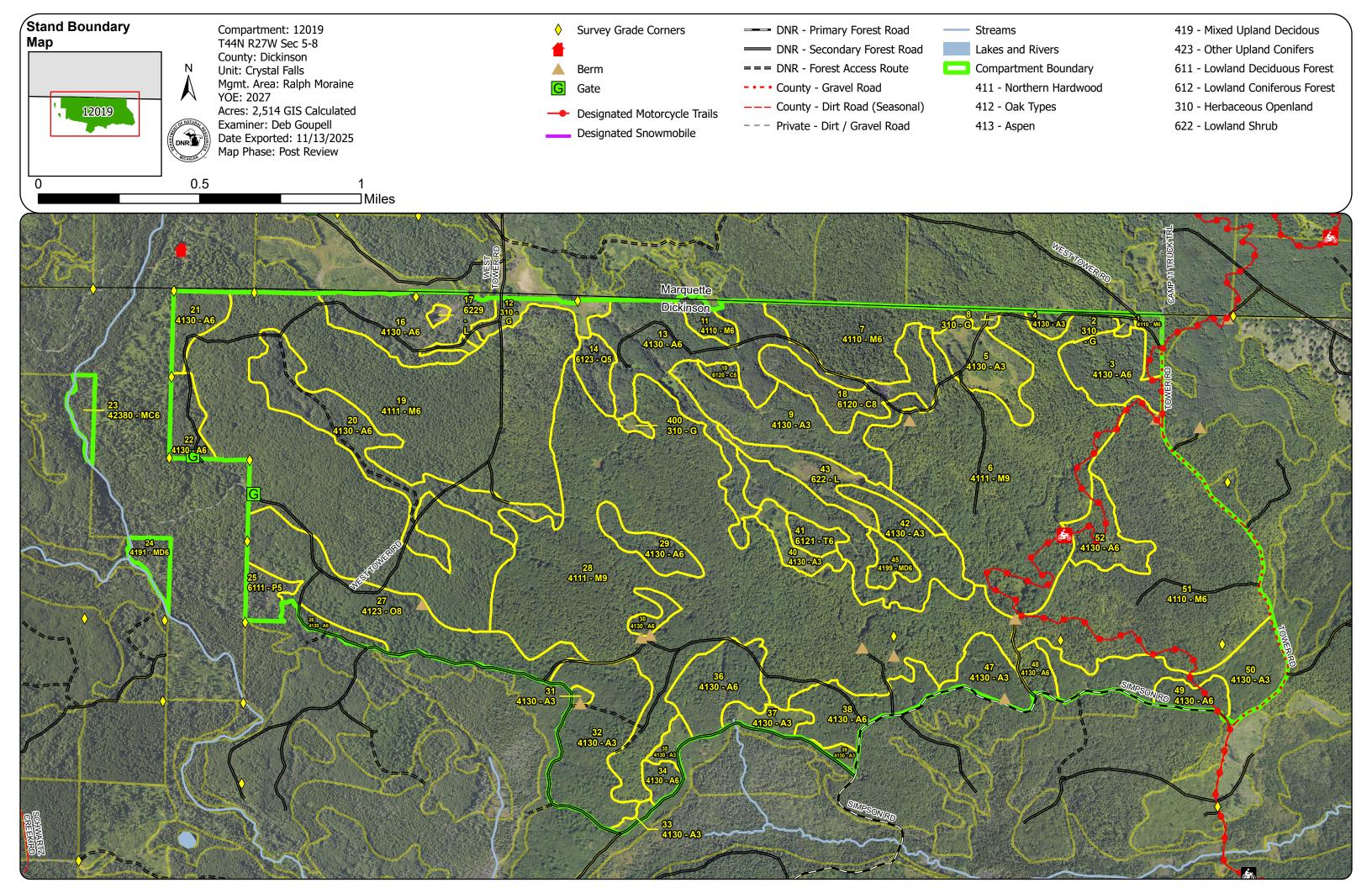
The following reports from the Inventory are attached:

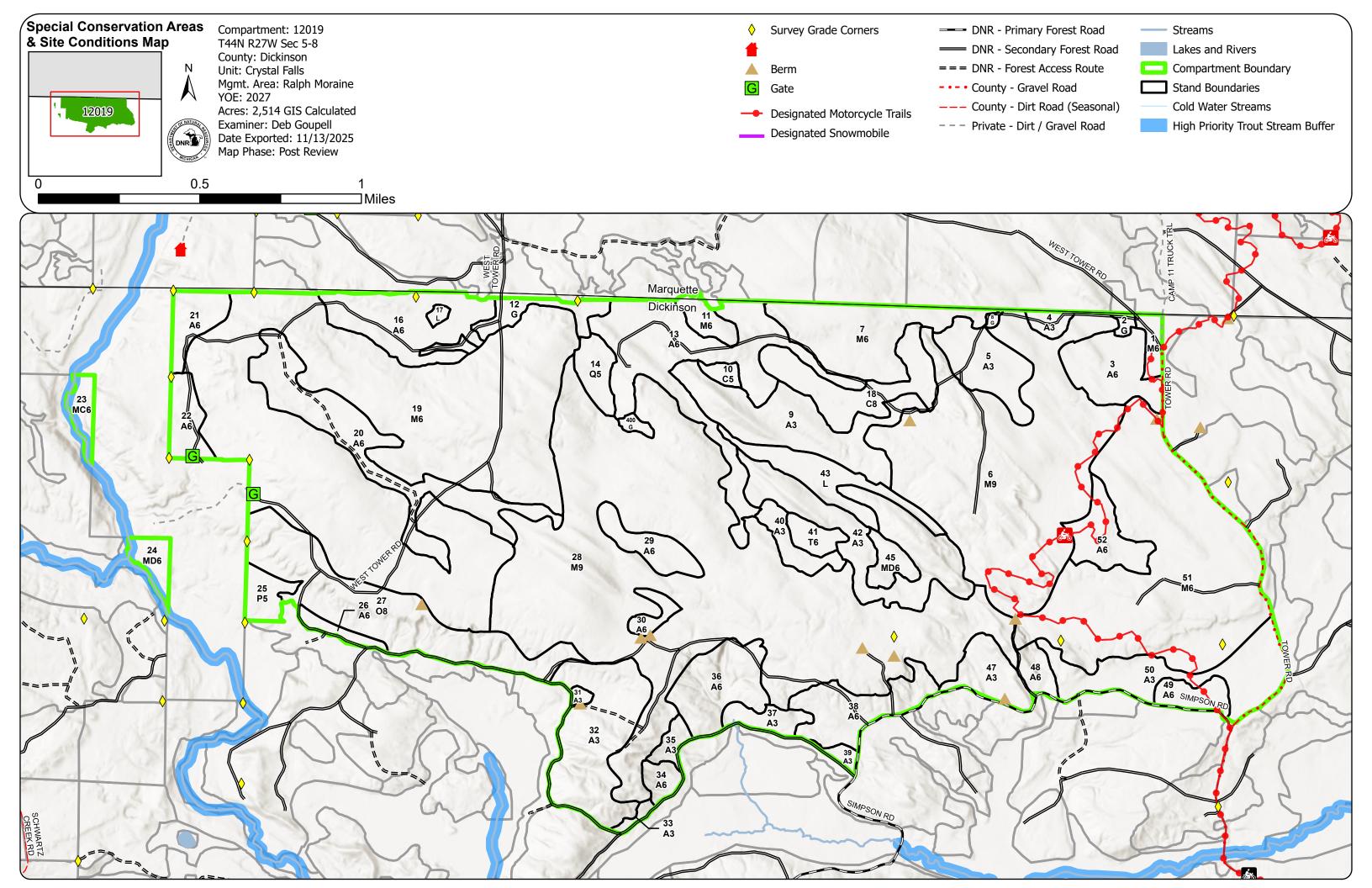
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Compartment 19 Year of Entry 2027

Crystal Falls Mgt. Unit Deb Goupell: Examiner



Age Class

| | ¥cr | | 3/2 | \$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | S LE | | | | | | & Ja | 70,70 | | | \$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | Jugar Jugar | No. No. |
|-----------------------------|-----|----|-----|--|-----|------|-----|----|---|---|----|------|-------|---|---|--|---|----------------|---------|
| Aspen | 0 | 79 | 54 | 22 | 302 | 193 | 124 | 24 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 806 |
| Cedar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| Herbaceous Openland | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| Lowland Aspen/Balsam Poplar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Lowland Conifers | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Lowland Shrub | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| Mixed Upland Deciduous | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1446 | 0 | 0 | 0 | 0 | 0 | 0 | 1446 |
| Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 95 |
| Tamarack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Upland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Total | 55 | 79 | 54 | 22 | 302 | 207 | 124 | 24 | 0 | 9 | 40 | 1503 | 0 | 0 | 0 | 0 | 0 | 95 | 2513 |



Report 2 – Treatment Summary

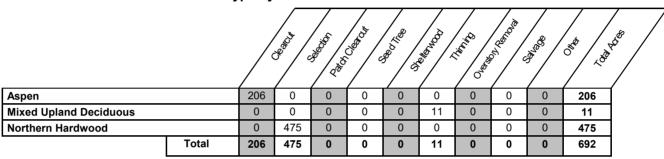
Crystal Falls Mgt. Unit Year of Entry: 2027

Acres of Harvest

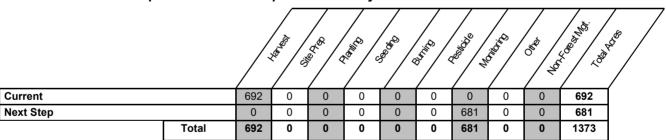
Compartment 19
Total Compartment Acres: 2,514

Commercial Harvest - 1373 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Crystal Falls Mgt. Unit

Report 3 -- Treatments

BA

Compartment: 12019 Year of Entry: 2027

Habitat

Cut

No

а n d

s

t

Treatment Acres Name

Stand CoverType

Size Density

6

Stand Age Range **Treatment** Type

Treatment Method

Cover Type Objective

Age Structure

Approved Treatments:

12019003-Cut

34.6 4130 - Aspen Unspec ified

Harvest

Clearcut

413 - Aspen

Planting Record

Specs:

Prescription Final harvest all stems 3" dbh and greater except oak and cedar. Leave submerchantable conifer, preferably in clumps scattered throughout stand as available. Also leave some representation of maple/basswood overstory trees for diversity (green tree during

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, mixed hardwood, mixed softwood

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

12019016-Cut

51.8 4130 - Aspen 6

55

Unspec Harvest Clearcut

413 - Aspen

Planting Record Nο

Prescription Final harvest all stems 3" and greater at dbh except white pine, red pine, cedar, oak (if found). Scattered live clumps of submerchantable conifer will be left as available. Retention will be focused around pond for conifer retainment, as requested by WLD

ified

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, mixed hardwood, mixed softwood

Regen:

Other At comp review, it was suggested that this stand would go with the Gwinn sale to the north

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

12019020-Cut

71.4 4130 - Aspen

Monitoring, Natural Regen (Re-Inventory)

6 48 Unspec ified

Harvest

Clearcut

413 - Aspen

Planting Record

No

Prescription Final harvest all stems 3"dbh and greater except oak, white pine, red pine, cedar. Retention will be focused around heavier areas of conifer, generally the northwest/north central, per WLD request.

Specs:

Next Step **Treatments:**

Acceptable aspen, mixed hardwood, mixed softwood

Regen:

Other Comment:

At comp review, it was suggested by District Mgr that this stand + stand 16 go with Gwinn sale to the north

Site Condition:

Proposed Start Date: 10/01/2026

Proposed Start Date: 10/01/2026

45 12019045-Cut 10.7 4199 - Other Mixed 6 105 111- Harvest Thinning 411 - Northern Planting No Upland Deciduous 140 Hardwood Record

<u>Prescription</u> Thin to BA 70, focusing on removal of poorer formed trees that will not survive to next marking entry, following Compleat Marker. Oak may be <u>Specs:</u> marked but favor leaving over other species for mast.

Next Step

<u>Treatments:</u>

Acceptable Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

| S t | С | rystal Falls | Mgt. Unit | | Repo | rt 3 [·] | Treatments | | Compartmer Year of Entr | | DNR MICHIGAN |
|--------------|---------------------------------|---------------|---------------------|-----------------|--------------|-------------------|-------------------|----------------------|---|--------------------|----------------|
| a n d | Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
| 52 | 12019052-Cut | 23.0 | 4130 - Aspen | 6 | 60 | 81-110 | Harvest | Clearcut | 4199 - Other Mixed Upland Deciduous | Planting Record | No |
| Pres Spec | | arvest all st | ems 3" dbh and gr | eater exce | pt oak a | and cedar | . Retention is re | flected in treatment | t, excluding low a | rea from harv | rest. |
| | <u>Step</u> Monito tments: | ring, Natura | al Regen (Re-Inven | tory) | | | | | | | |
| Acce Rege | | maple, mix | ed softwood | | | | | | | | |
| Othe Com | <u>r</u> May co <u>ment:</u> | onsider mar | king better quality | sugar map | le trees | to leave | | | | | |
| Site | Condition: | | | | | | | | | | |

Total Treatment Acreage Proposed: 691.7

Proposed Start Date: 10/01/2026

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Compartment: 19 Year of Entry: 2027 Deb Goupell: Examiner



| Availa | bility for | Managemer | nt | | | | | |
|--------|------------|----------------|---------------|-----------------------------|-------|---------|-------|---------|
| Total | Acres | Acres Avail | Acres | D | omina | nt Site | e Con | ditions |
| Acres | Available | With Condition | Not Available | | 5C | 2G | 3J | 5E |
| 777 | 747 | 7 | 23 | Aspen | 7 | | | 23 |
| 46 | 46 | 0 | 0 | Cedar | | | | |
| 23 | 23 | 0 | 0 | Herbaceous Openland | | | | |
| 11 | 0 | 0 | 11 | Lowland Aspen/Balsam Poplar | | 11 | | |
| 14 | 14 | 0 | 0 | Lowland Conifers | | | | |
| 32 | 32 | 0 | 0 | Lowland Shrub | | | | |
| 21 | 11 | 0 | 10 | Mixed Upland Deciduous | | | 10 | |
| 1446 | 1446 | 0 | 0 | Northern Hardwood | | | | |
| 95 | 95 | 0 | 0 | Oak | | | | |
| 9 | 9 | 0 | 0 | Tamarack | | | | |
| 9 | 0 | 0 | 9 | Upland Conifers | | | 9 | |
| 2,483 | 2,422 | 7 | 54 | Total Forested Acres | 7 | 11 | 20 | 23 |
| | 98% | 0% | 2% | 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.

| 1 Unav | (strea | nter quality/BMPs nm, river, or lake) | 10 | Unspecified | Unspecified | Unspecified | Unspecified |
|---------|--------|--|----|-------------|-------------|-------------|-------------|
| Comment | · e · | | | | | | |
| | | | | | | | |
| 2 Unav | | nter quality/BMPs nm, river, or lake) | 9 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comment | s: | | | | | | |

Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Deb Goupell: Examiner



| 3 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 7 | Unspecified | Unspecified | Unspecified | Unspecified |
|---|---|--|----|---|-------------|-------------|-------------|
| | Comments: holding for "tail" as _l | pen age class | | | | | |
| 5 | Unavailable | 5E: Long-Term Retention | 8 | Unspecified | Unspecified | Unspecified | Unspecified |
| | Comments: | | | | | | |
| 6 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 13 | 3J: Water quality/BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| | Comments: there is a bed and l | bank that cuts this stand in half | | | | | |
| 8 | Unavailable | 5E: Long-Term Retention | 2 | 3J: Water quality/BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| | Comments: | | | | | | |
| 9 | Unavailable | 5E: Long-Term Retention | 13 | 2G: Too wet (sensitive soils, does not include access issues) | Unspecified | 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 | d Level 4 C | over Type | | Size De | ensity | Acres | Stand Age I | BA Range | Managed S | ite | General Comments |
|-------|-------------------|--------------|------------|----------|---------|--------|--------------|-------------|--------------|--------------|--|
| 1 | 4110 - Sugar N | /laple Assoc | ciation | Poletimb | er Well | 7.6 | 104 | 81-110 | N/A | | THE OAKS TS CUT 2010 |
| | Canopy Species | % Cover | Size Class | DBI | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Sugar Maple | 50 | Pole/Log | 9 | | Leat | therwood | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Basswood | 50 | Log | 14 | 104 | Irc | nwood | Full | 5 - 10 feet | 5 - 10 feet | |
| 2 | 310 - Herbac | eous Open | land | No | ne | 2.5 | | | No | | Aspen, cherry, conifer filling in |
| 3 | 4130 | - Aspen | | Poletimb | er Well | 34.6 | 57 l | Jnspecified | N/A | | Trace amounts of white ash and paper birch. West 1/3 of stand is |
| | Canopy Species | % Cover | Size Class | DBI | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | rockier & wetter, more balm gilead |
| | Sugar Maple | 15 | Log/Pole | 10 | | Whit | e Spruce | Low | Variable | Variable | |
| | Basswood | 10 | Log/Pole | 12 | | Haze | Inut (Spp.) | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Quaking Aspen | 65 | Log/Pole | 11 | 57 | Ва | lsam Fir | Medium | Variable | Variable | |
| | Balsam Poplar | 10 | Pole | 9 | | Irc | nwood | Medium | 10 - 20 feet | 10 - 20 feet | |
| 4 | 4130 | - Aspen | | Saplin | g Well | 5.9 | 5 | Immature | N/A | | HIpster Hwd TS cut 2018. Most of residual black ash is dead. |
| | Canopy Species | % Cover | Size Class | DBI | l Age | | | | | | |
| | Red Maple | 14 | Sapling | 1 | | | | | | | |
| | Red Oak | 1 | Log | 14 | | | | | | | |
| | Quaking Aspen | 75 | Sapling | 1 | 5 | | | | | | |
| | Balsam Poplar | 10 | Sapling | 1 | | | | | | | |
| 5 | | - Aspen | | Saplin | g Well | 32.5 | 5 | Immature | N/A | | Hipster Hwd cut 2018. Black ash retention is dead |
| | Canopy Species | | Size Class | | l Age | | | | | | |
| | Red Maple | 15 | Sapling | 1 | | | | | | | |
| | Quaking Aspen | 85 | Sapling | 1 | 5 | | | | | | |
| 6 | 4111 - S.Maple, H | ard Mast As | ssociation | Sawtimb | er Well | 243.2 | 104 | 81-110 | N/A | | THE OAKS TSALE CUT 2010. many multiple stem red oak, nearly in red oak regeneration except along road and with conifers in far NNV |
| | Canopy Species | | Size Class | | l Age | | nopy Species | Density | Avg. Height | Size | finger. |
| | Sugar Maple | 35 | Log/Pole | 10 | 104 | | nite Ash | Low | < 5 feet | < 5 feet | |
| | Basswood | 25 | Log/Pole | 14 | | Re | ed Oak | Low | < 5 feet | < 5 feet | |
| | White Ash | 5 | Log/Pole | 10 | | Quak | ing Aspen | Low | 10 - 20 feet | 10 - 20 feet | |
| | Red Oak | 35 | XLog/Log | 18 | 104 | Irc | nwood | Full | 10 - 20 feet | 10 - 20 feet | |
| 7 | 4110 - Sugar N | /laple Assoc | ciation | Poletimb | er Well | 58.6 | 104 | 51-80 | N/A | | Tower Basswood cut 2000. Some sugar maple and white ash saplir |
| | Canopy Species | | Size Class | | l Age | | nopy Species | Density | Avg. Height | Size | Hipster Hwd TS cut ~2021 (sale closed in 2022) |
| | Sugar Maple | 45 | Log/Pole | 10 | | Re | ed Oak | Low | < 5 feet | < 5 feet | , , |
| | Basswood | 53 | Log/Pole | 10 | 104 | Irc | nwood | Full | 5 - 10 feet | 5 - 10 feet | |
| | Red Oak | 2 | Log | 14 | | Ва | lsam Fir | Low | 5 - 10 feet | 5 - 10 feet | |
| 8 | 310 - Herbac | eous Open | land | No | ne | 1.2 | | | No | | |

Compartment: 19 Year of Entry: 2027 DNR DNR

| Stand | Level 4 Co | over Type | | Size Der | nsity | Acres | Stand Age E | BA Range | Managed S | Site | General Comments |
|-------|--------------------|------------|-------------------|----------|---------|---------|-------------|-------------|-------------|-------------|--|
| 9 | 4130 - | - Aspen | | Sapling | Well | 64.0 | 33 | Immature | N// | 4 | Tower Rd Walking Trail cut 1991. More red oak saplings/poles in |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Can | opy Species | Density | Avg. Height | Size | center of stand along closed road |
| | Red Maple | 10 | Sapling | 1 | | Hazelr | nut (Spp.) | High | 5 - 10 feet | 5 - 10 feet | |
| | Red Oak | 5 | Pole/Sapling | 6 | | | | | | - | |
| | Quaking Aspen | 80 | Pole/Sapling | 5 | 33 | | | | | | |
| | Balsam Fir | 2 | Sapling/Pole | 4 | | | | | | | |
| | White Spruce | 3 | Sapling/Pole | 4 | | | | | | | |
| 10 | 6120 - Lov | vland Ceda | ar Pol | etimber | Medium | n 4.4 | 104 L | Inspecified | N// | 4 | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Can | opy Species | Density | Avg. Height | Size | |
| | Black Spruce | 2 | Pole | 7 | | Red | Maple | Low | 5 - 10 feet | 5 - 10 feet | |
| Noi | rthern White Cedar | 95 | | 10 | 104 | Tag | g Alder | High | 5 - 10 feet | 5 - 10 feet | |
| | Tamarack | 3 | Pole | 8 | | | | | | | |
| 11 | 4110 - Sugar M | laple Asso | ciation P | oletimbe | r Well | 10.0 | 104 | 81-110 | N// | 4 | Tower Basswood cut 2000. Hipster Hwd TS cut 2019 (closed in 2022) |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Can | opy Species | Density | Avg. Height | Size | |
| | Sugar Maple | 42 | Log/Pole | 10 | | Bals | sam Fir | Low | 5 - 10 feet | 5 - 10 feet | |
| | Basswood | 53 | Log/Pole | 10 | 104 | Re | d Oak | Low | < 5 feet | < 5 feet | |
| | Red Oak | 5 | Log | 14 | | White | Spruce | Low | 5 - 10 feet | 5 - 10 feet | |
| | | | | | | Iroi | nwood | Full | 5 - 10 feet | 5 - 10 feet | |
| 12 | 310 - Herbace | eous Open | land | Non | е | 16.9 | | | No |) | |
| 13 | 4130 - | - Aspen | Р | oletimbe | er Well | 97.1 | 48 L | Inspecified | N// | 4 | County Line TS cut 1976. Ready for cut |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Can | opy Species | Density | Avg. Height | Size | |
| | White Ash | 5 | Pole | 9 | | Suga | ar Maple | Low | Variable | Variable | |
| | Red Oak | 1 | Log/XLog | 16 | | Bals | sam Fir | Medium | Variable | Variable | |
| | Paper Birch | 5 | Pole | 9 | | Hazelr | nut (Spp.) | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Quaking Aspen | 70 | Pole | 9 | 48 | White | Spruce | Low | Variable | Variable | |
| | Bigtooth Aspen | 10 | Pole | 9 | - | | | | | | |
| | Balsam Fir | 7 | Pole | 7 | | | | | | | |
| | White Spruce | 2 | Pole | 6 | | | | | | | |
| 14 | 6123 - Lo | owland Fir | Pol | etimber | Medium | า 13.9 | 45 L | Inspecified | N// | 4 | Conifer is thick, dbhs range from 1-7" with a couple 12" white spruce |
| | 0 | % Cover | Size Class | DBH | Age | Sub-Can | opy Species | Density | Avg. Height | Size | Water table very near to the surface. Little merchantable wood at this time. |
| | Canopy Species | /0 00101 | | | | | | | | | |
| | Balsam Poplar | 15 | Pole | 7 | | Tag | g Alder | High | 5 - 10 feet | 5 - 10 feet | |
| | | | Pole Pole/Sapling | | 45 | Тас | g Alder | High | 5 - 10 feet | 5 - 10 feet | |
| | Balsam Poplar | 15 | | 7 | 45 | Тас | g Alder | High | 5 - 10 feet | 5 - 10 feet | |



| Stand | d Level 4 C | over Type | | Size Density | Acres | Stand Age | BA Range | Managed S | Site | General Comments |
|-------|---------------------|------------|------------|---------------|---------|--------------|-------------|--------------|--------------|--|
| 16 | 4130 | - Aspen | | Poletimber We | l 51.8 | 55 | Jnspecified | N// | 4 | Aspen ranges from 7-14" dbh |
| | Canopy Species | % Cover | Size Class | DBH Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | Quaking Aspen | 90 | Log/Pole | 10 55 | Ва | ılsam Fir | Medium | Variable | Variable | |
| | Balsam Fir | 8 | Pole | 8 | W | hite Pine | Trace | < 5 feet | < 5 feet | |
| | Red Pine | 2 | Log | 12 | Haze | elnut (Spp.) | High | 5 - 10 feet | 5 - 10 feet | |
| | | | | | R | ed Pine | Trace | < 5 feet | < 5 feet | |
| | | | | | Wh | te Spruce | Low | Variable | Variable | |
| 17 | 6229 - Mixed | Lowland S | hrub | None | 2.0 | | | No |) | |
| 18 | 6120 - Lo | wland Ceda | ar S | awtimber Medi | ım 41.4 | 108 | Jnspecified | N// | Α | Heavy to tag alder especially on south edge of stand. Most tamara |
| | Canopy Species | % Cover | Size Class | DBH Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | in far southwest.Cutting through this stand will compromise its cover integrity in an area where decent conifer cover is scarce. Scattered |
| | Balsam Poplar | 10 | Log/Pole | 12 | | ag Alder | High | 5 - 10 feet | 5 - 10 feet | black ash still alive |
| | Black Spruce | 15 | Pole | 8 | | | | | | _ |
| No | orthern White Cedar | 70 | Log/Pole | 12 108 | | | | | | |
| | Tamarack | 5 | Log/Pole | 12 | | | | | | |
| 19 | 4111 - S.Maple, H | ard Mast A | ssociation | Poletimber We | I 432.0 | 102 | 81-110 | N// | 4 | Thinned in 2004. BAs range from 100-150. Quite a variable stand |
| | Canopy Species | % Cover | Size Class | DBH Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | old notes)Stand harvested with CF Squared Hardwood timber sale 32-037-18. Cut between 2019 and 2023. (2024) |
| | Sugar Maple | 35 | Log/Pole | 11 102 | F | led Oak | Trace | < 5 feet | < 5 feet | 02 007 107 037 2070 074 2020 (2027) |
| | Basswood | 35 | Log/Pole | 13 102 | Lea | therwood | Medium | 5 - 10 feet | 5 - 10 feet | |
| | White Ash | 3 | Log/Pole | 11 | Ir | onwood | High | 10 - 20 feet | 10 - 20 feet | |
| | Red Oak | 20 | Log | 16 | | | | | | _ |
| | Paper Birch | 7 | Pole/Log | 9 | | | | | | |
| 20 | 4130 | - Aspen | | Poletimber We | 72.0 | 48 | Jnspecified | N/A | 4 | Trace amount of cherry. More maple saplings in pinch points |
| | Canopy Species | % Cover | | DBH Age | | nopy Species | Density | Avg. Height | Size | |
| | Sugar Maple | 10 | Pole | 8 | | ılsam Fir | Low | 10 - 20 feet | 10 - 20 feet | |
| | Red Oak | 10 | Log/Pole | 10 | | elnut (Spp.) | High | 5 - 10 feet | 5 - 10 feet | |
| | Quaking Aspen | 65 | Log/Pole | 10 48 | | te Spruce | Low | 10 - 20 feet | 10 - 20 feet | |
| | Balsam Fir | 5 | Pole | 8 | | onwood | High | Variable | Variable | |
| | White Spruce | 5 | Pole | 8 | Su | gar Maple | Medium | 10 - 20 feet | 10 - 20 feet | |
| | Horsechestnut | 5 | Pole/Log | 9 | | | | | | |
| 21 | 4130 | - Aspen | | Poletimber We | 17.3 | 47 | Jnspecified | N// | 4 | Fair amount of softwood on the ground. Will hold for next entry |
| | Canopy Species | | Size Class | DBH Age | | nopy Species | | Avg. Height | Size | |
| | Paper Birch | 5 | Pole | 6 | | ılsam Fir | Low | Variable | Variable | |
| | Quaking Aspen | 87 | Pole | 7 47 | | elnut (Spp.) | High | 5 - 10 feet | 5 - 10 feet | |
| | Balsam Fir | 5 | Pole | 6 | Wh | te Spruce | Low | Variable | Variable | |
| | White Spruce | 3 | Pole | 7 | Lea | therwood | Medium | < 5 feet | < 5 feet | |
| | | | | | l Ir | onwood | Medium | Variable | Variable | |



| Stan | d Level 4 C | over Type | | Size Density | Acres | Stand Age E | BA Range | Managed Si | te | General Comments |
|------|---|------------------------------------|----------------------|-------------------------------------|---|--|--|--|---|---|
| 22 | 4130 | - Aspen | | Poletimber Well | 16.5 | 37 L | Jnspecified | N/A | | West Tower TS cut 1987 |
| | Canopy Species | % Cover | Size Class | DBH Age | Sub-Car | nopy Species | Density | Avg. Height | Size | |
| | Red Maple | 12 | Sapling | 4 | Sug | ar Maple | Low | 5 - 10 feet | 5 - 10 feet | |
| | Red Oak | 3 | XLog/Log | 18 | Bal | sam Fir | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Quaking Aspen | 70 | Pole | 5 37 | Whit | e Spruce | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Bigtooth Aspen | 10 | Pole | 5 | Hazel | nut (Spp.) | High | 5 - 10 feet | 5 - 10 feet | |
| | Balsam Fir | 5 | Pole/Saplin | ig 5 | | | | | | |
| 23 | 42380 - Non Pine U Dec | Ipland Coni iduous | fer, Mixed | Poletimber Well | 9.4 | 94 | 81-110 | N/A | | Most of this stand is within 300' of prime trout waters. |
| 24 | 4191 - Mixed Upla Co | and Decidu | ous with | Poletimber Well | 10.4 | 95 | 81-110 | N/A | | Stand is within 300' of prime trout water. |
| 25 | | | <u> </u> | Poletimber Medium | | | Jnspecified | N/A | | Much of interior of stand is dead; drainage south central of stand. Larger spruce and balm are standing dead. Buffering this bed/bank |
| | Canopy Species | | Size Class | | | nopy Species | | Avg. Height | Size | preclude much of the stand for harvest |
| | Paper Birch | 2 | Pole | 9 | Та | g Alder | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Balsam Poplar | 75 | Log/Pole | | | | | | | |
| | White Spruce | 13 | Log/Pole | 11 | | | | | | |
| | Black Spruce | 10 | Pole | 9 | | | | | | |
| 26 | 4130 | - Aspen | | Poletimber Well | 6.8 | 41 L | Jnspecified | N/A | | understory/submerchantable fir/spruce hit harder by SBW |
| | Canopy Species | % Cover | Size Class | DBH Age | Sub-Car | nopy Species | Density | Avg. Height | Size | |
| | Red Maple | 10 | Pole | 7 | Wh | ite Pine | Trace | Variable | Variable | |
| | Red Oak | 5 | Log/Pole | 10 | Bal | sam Fir | NA - III | | | |
| | | | | | | Saillilli | Medium | 10 - 20 feet | 10 - 20 feet | |
| | Quaking Aspen | 75 | Pole | 8 41 | Whit | e Spruce | Medium | 10 - 20 feet 10 - 20 feet | 10 - 20 feet 10 - 20 feet | |
| | Quaking Aspen Balsam Fir | 75 5 | Pole Pole | 8 41 7 | | | | | | |
| | | | | | | e Spruce | Medium | 10 - 20 feet | 10 - 20 feet | |
| 27 | Balsam Fir White Spruce | 5 | Pole Pole | 7 | Red | e Spruce | Medium | 10 - 20 feet | 10 - 20 feet Variable | Sugar maple seedlings are browsed, stump sprouting as well. Almost |
| 27 | Balsam Fir White Spruce | 5 5 Red Oak | Pole Pole | 7 6 Sawtimber Medium | Red n 94.8 | e Spruce d Maple | Medium Medium | 10 - 20 feet Variable | 10 - 20 feet Variable | Sugar maple seedlings are browsed, stump sprouting as well. Almost no red oak seed recruitment where red oak BA is higher. Red oak is thickest on top of the ridge. |
| 27 | Balsam Fir White Spruce 4123 - | 5 5 Red Oak | Pole Pole | 7 6 Sawtimber Medium | Red n 94.8 Sub-Car | e Spruce d Maple | Medium Medium | 10 - 20 feet Variable N/A | 10 - 20 feet Variable | no red oak seed recruitment where red oak BA is higher. Red oak is |
| 27 | Balsam Fir White Spruce 4123 - Canopy Species | 5 5 Red Oak | Pole Pole Size Class | 7 6 Sawtimber Medium | n 94.8 Sub-Car | e Spruce d Maple 105 nopy Species | Medium Medium 111-140 Density | 10 - 20 feet Variable N/A Avg. Height | 10 - 20 feet Variable | no red oak seed recruitment where red oak BA is higher. Red oak is |
| 27 | Balsam Fir White Spruce 4123 - Canopy Species Red Oak | 5 5 Red Oak % Cover 95 | Pole Pole Size Class | 6 Sawtimber Medium DBH Age 14 105 | 94.8 Sub-Car Wh | e Spruce d Maple 105 hopy Species ite Pine | Medium Medium 111-140 Density Medium | 10 - 20 feet Variable N/A Avg. Height Variable | 10 - 20 feet Variable Size Variable | no red oak seed recruitment where red oak BA is higher. Red oak is |
| 27 | Balsam Fir White Spruce 4123 - Canopy Species Red Oak | 5 5 Red Oak % Cover 95 | Pole Pole Size Class | 6 Sawtimber Medium DBH Age 14 105 | Red 94.8 Sub-Car Wh Re Quak | e Spruce d Maple 105 nopy Species ite Pine ed Oak | Medium Medium 111-140 Density Medium Medium Medium | 10 - 20 feet Variable N/A Avg. Height Variable 10 - 20 feet | 10 - 20 feet Variable Size Variable 10 - 20 feet | no red oak seed recruitment where red oak BA is higher. Red oak is |
| 27 | Balsam Fir White Spruce 4123 - Canopy Species Red Oak | 5 5 Red Oak % Cover 95 | Pole Pole Size Class | 6 Sawtimber Medium DBH Age 14 105 | Red 94.8 Sub-Car Wh Re Quak | e Spruce d Maple 105 nopy Species ite Pine ed Oak ing Aspen | Medium Medium 111-140 Density Medium Medium High | 10 - 20 feet Variable N/A Avg. Height Variable 10 - 20 feet >20 feet | 10 - 20 feet Variable Size Variable 10 - 20 feet >20 feet | no red oak seed recruitment where red oak BA is higher. Red oak is |
| 27 | Balsam Fir White Spruce 4123 - Canopy Species Red Oak | 5 5 Red Oak % Cover 95 | Pole Pole Size Class | 6 Sawtimber Medium DBH Age 14 105 | Red 94.8 Sub-Car Wh Red Quak Iro Bal | e Spruce d Maple 105 nopy Species lite Pine ed Oak ling Aspen | Medium Medium 111-140 Density Medium Medium High Medium | N/A Avg. Height Variable 10 - 20 feet 20 feet 10 - 20 feet | Size Variable Variable 10 - 20 feet 10 - 20 feet 10 - 20 feet | no red oak seed recruitment where red oak BA is higher. Red oak is |
| 27 | Balsam Fir White Spruce 4123 - Canopy Species Red Oak | 5 5 Red Oak % Cover 95 | Pole Pole Size Class | 6 Sawtimber Medium DBH Age 14 105 | Red 94.8 Sub-Car Wh Red Quak Iro Ball Sug | e Spruce d Maple 105 nopy Species lite Pine led Oak ling Aspen linwood lsam Fir | Medium Medium 111-140 Density Medium Medium High Medium Low | N/A Avg. Height Variable 10 - 20 feet >20 feet 10 - 20 feet Variable | Size Variable Variable 10 - 20 feet 20 feet 10 - 20 feet Variable | no red oak seed recruitment where red oak BA is higher. Red oak is |



| Stand | d Level 4 C | over Type | | Size De | nsity | Acres | Stand Age E | BA Range | Managed S | Site | General Comments |
|-------|-------------------|------------|-------------|----------|---------|--------|--------------|-------------|--------------|--------------|--|
| 28 | 4111 - S.Maple, H | ard Mast A | ssociation | Sawtimb | er Well | 475.4 | 105 | 111-140 | N/A | A | Split Sale cut 2008-2010. Avg BA 127 from 43 plots taken. Basswood |
| | Canopy Species | % Cover | Size Class | DBI | Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | and ash in severe decline. |
| | Sugar Maple | 30 | Log/Pole | 12 | 105 | Whit | te Spruce | Low | 5 - 10 feet | 5 - 10 feet | |
| | Red Maple | 5 | Log/Pole | 11 | | Iro | onwood | Full | Variable | Variable | |
| | Basswood | 40 | Log | 14 | 105 | Ва | lsam Fir | Low | 5 - 10 feet | 5 - 10 feet | |
| | White Ash | 5 | Log | 12 | | | | , | | | - |
| | Red Oak | 20 | XLog/Log | 18 | | | | | | | |
| 29 | 4130 | - Aspen | | Poletimb | er Well | 18.0 | 50 L | Inspecified | N/A | A | white ash is dying |
| | Canopy Species | % Cover | Size Class | DBI | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | |
| | White Ash | 3 | Log/Pole | 10 | | Sug | jar Maple | High | 10 - 20 feet | 10 - 20 feet | |
| | Red Oak | 15 | Log/Pole | 12 | | Iro | onwood | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Quaking Aspen | 80 | Pole | 9 | 50 | Ва | lsam Fir | Low | Variable | Variable | |
| | White Spruce | 2 | Pole | 6 | | Whit | te Spruce | Low | Variable | Variable | |
| 30 | 4130 | - Aspen | | Poletimb | | 6.9 | 50 L | Inspecified | N/A | A | stand 29 and 30 will hold or if cutting hardwood stand, then cut it. Oak ¬ is 8-16" dbh |
| | Canopy Species | % Cover | Size Class | DBI | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | IS 6-10 UDIT |
| | Red Oak | 15 | Log/Pole | 10 | | | lsam Fir | Low | Variable | Variable | |
| | Quaking Aspen | 85 | Pole | 7 | 50 | Sug | jar Maple | High | 10 - 20 feet | 10 - 20 feet | |
| | | | | | | Haze | Inut (Spp.) | High | 5 - 10 feet | 5 - 10 feet | |
| | | | | | | Whit | te Spruce | Low | Variable | Variable | |
| 31 | 4130 | - Aspen | | Saplin | y Well | 2.0 | 6 | Immature | N/A | A | Hipster Hwd cut 2018 |
| | Canopy Species | % Cover | Size Class | DBI | l Age | | | | | | |
| | Red Maple | 22 | Sapling | 1 | | | | | | | |
| | Red Oak | 3 | Log | 12 | | | | | | | |
| | Quaking Aspen | 75 | Sapling | 1 | 6 | | | | | | |
| 32 | 4130 | - Aspen | | Saplin | y Well | 68.3 | 34 | Immature | N/A | A | Tower Rd Walking Trail TS cut 1991. Most of the conifer is along road |
| | Canopy Species | % Cover | Size Class | DBI | l Age | Sub-Ca | nopy Species | Density | Avg. Height | Size | Aspen 2" is more on west with the thicker conifer; some scattered 9-11" aspen |
| | Red Maple | 5 | Sapling | 2 | | R | ed Oak | Medium | 5 - 10 feet | 5 - 10 feet | ' |
| | Red Oak | 8 | Pole/Log/Sa | ар 6 | | Whit | te Spruce | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Paper Birch | 2 | Sapling | 4 | | Re | ed Pine | Trace | Variable | Variable | |
| | Quaking Aspen | 40 | Sapling | 4 | 34 | Wh | nite Pine | Trace | Variable | Variable | |
| | Bigtooth Aspen | 40 | Sapling | 4 | 34 | Ва | lsam Fir | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Balsam Fir | 3 | Pole | 6 | | | | | | | |
| | White Spruce | 2 | Pole/Saplin | ig 5 | | | | | | | |



| Stand | d Level 4 C | over Type | S | ize De | ensity | Acres | Stand Age | BA Range | Managed S | Site | General Comments |
|-------|-------------------|-----------|----------------|---------|---------|--------|--------------|------------|--------------|--------------|---|
| 33 | 4130 | - Aspen | ; | Saplin | g Well | 2.9 | 6 | Immature | N/A | A | Hipster H wd TS cut 2018. Trace oak 8" dbh |
| | Canopy Species | | Size Class | DBH | l Age | | | | | | |
| | Red Maple | 22 | Sapling | 1 | | | | | | | |
| | Quaking Aspen | 75 | Sapling | 1 | 6 | | | | | | |
| | White Pine | 3 | Log/Pole | 10 | | | | | | | |
| 34 | 4130 | - Aspen | Po | oletimb | er Well | 7.7 | 34 | Immature | N/A | 4 | Tower Road Walking Trail TS cut 1991; Oak regenerating along with |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Specie | es Density | Avg. Height | Size | the Aspen. |
| | Red Oak | 5 | Sapling/Pole | 4 | | Re | ed Maple | Medium | 10 - 20 feet | 10 - 20 feet | |
| | Quaking Aspen | 65 | Pole | 6 | 34 | Ba | alsam Fir | Medium | Variable | Variable | |
| | Bigtooth Aspen | 30 | Pole | 6 | | F | Red Oak | Low | 5 - 10 feet | 5 - 10 feet | |
| | | | | | | Wh | ite Spruce | Low | Variable | Variable | |
| | | | | | | Haze | elnut (Spp.) | Medium | 5 - 10 feet | 5 - 10 feet | |
| 35 | 4130 | - Aspen | ; | Saplin | g Well | 6.8 | 6 | Immature | N/A | 4 | Hipster Hwd TS cut 2018 |
| | Canopy Species | % Cover | Size Class | DBH | l Age | | | | | | |
| | Red Maple | 17 | Sapling | 1 | | | | | | | |
| | Red Oak | 1 | Log | 14 | | | | | | | |
| | Quaking Aspen | 80 | Sapling | 1 | 6 | | | | | | |
| | White Pine | 2 | Log | 12 | | | | | | | |
| 36 | 4130 | - Aspen | Po | oletimb | er Well | 38.5 | 34 | Immature | N/A | 4 | Oak regenerating along with the Aspen. Tower Rd Walking Trail cut |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Specie | es Density | Avg. Height | Size | 1991. Some oak and white pine regeneration; not much conifer in this stand. |
| | Red Oak | 10 | Log/XLog | 16 | | F | Red Oak | Low | 10 - 20 feet | 10 - 20 feet | orana. |
| | Quaking Aspen | 75 | Pole | 5 | 34 | Su | gar Maple | Low | 5 - 10 feet | 5 - 10 feet | |
| | Bigtooth Aspen | 15 | Pole/Sapling | 5 | | Haze | elnut (Spp.) | Medium | 5 - 10 feet | 5 - 10 feet | |
| 37 | 4130 | - Aspen | | Saplino | g Well | 11.5 | 6 | Immature | N/A | A | Hipster Hwd TS cut 2018 |
| | Canopy Species | % Cover | Size Class | DBH | l Age | | | | | | |
| | Red Maple | 25 | Sapling | 1 | | | | | | | |
| | Quaking Aspen | 75 | Sapling | 1 | 6 | | | | | | |
| 38 | 4130 | - Aspen | Po | oletimb | er Well | 36.2 | 34 | Immature | N/A | 4 | Tower Rd Walking Trail TS cut 1991 |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Specie | es Density | Avg. Height | Size | |
| | Sugar Maple | 5 | Sapling | 3 | | W | hite Pine | Low | 5 - 10 feet | 5 - 10 feet | |
| | Red Maple | 10 | Sapling | 4 | | Haze | elnut (Spp.) | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Red Oak | 10 | Log/XLog | 16 | | F | Red Oak | Low | 10 - 20 feet | 10 - 20 feet | |
| | Quaking Aspen | 60 | Pole | 6 | 34 | Su | gar Maple | Medium | 10 - 20 feet | 10 - 20 feet | |
| | Bigtooth Aspen | 13 | Pole/Sapling | 6 | | | | | | | |
| | Digitootii Asperi | 10 | i olo, oupling | 0 | | | | | | | |

Compartment: 19 Year of Entry: 2027 DNR MICHIGAN

| Stand | Level 4 Cover Type | | | Size Density | | | Acres Stand Age B | | Managed Site | | General Comments |
|-------|-------------------------------------|-------------|--------------|-----------------|------------|------------------|-------------------|------------|---|---|--|
| 39 | 4130 - Aspen | | | Sapling Well | | 3.8 | 6 | Immature | N/A | | Hipster Hwd TS cut 2018 |
| | Canopy Species | % Cover | Size Class | DBH | l Age | | | | | | |
| | Quaking Aspen | 100 | Sapling | 1 | 6 | | | | | | |
| 40 | 4130 | - Aspen | | Sapling | y Well | 13.1 | 6 | Immature | N/A | 1 | Hipster Hwd TS cut 2018 |
| | Canopy Species | % Cover | Size Class | DBH | l Age | | | | | | |
| | Quaking Aspen | 80 | Sapling | 1 | 6 | | | | | | |
| | Balsam Poplar | 20 | Sapling | 1 | | | | | | | |
| 41 | 6121 - Tamarack | | | Poletimber Well | | 9.3 | | | Tamarack dbh ranges from 7-11". Edges of stand is where most of | | |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Specie | es Density | Avg. Height | Size | red maple/aspen/cedar are. 12/7/22: This unit was not cut with Hipster Hwd and returned. |
| | Red Maple | 15 | Log/Pole | 12 | | Blad | ck Spruce | Medium | Variable | Variable | Tripotor Tiwa and rotamou. |
| | Quaking Aspen | 5 | Log/Pole | 12 | | Re | d Maple | Low | 10 - 20 feet | 10 - 20 feet | |
| No | orthern White Cedar | 3 | Pole/Log | 9 | | Pa | per Birch | Low | 10 - 20 feet | 10 - 20 feet | |
| | Tamarack | 75 | Pole/Log | 9 | 95 | Ва | lsam Fir | High | Variable | Variable | |
| | White Pine | 2 | Log | 14 | | | | | | | |
| 42 | 4130 - Aspen | | | Sapling Well | | 70.5 34 In | | Immature | N/A | | Tower Rd Walking Trail cut 1991. More conifer on east lobe in far NV |
| | Canopy Species | % Cover | Size Class | DBH | l Age | Sub-Ca | nopy Specie | es Density | Avg. Height | Size | (JP, WP, BF 6-8" dbh) |
| | Red Oak | 10 | Log/XLog | 15 | | Re | ed Maple | Low | 5 - 10 feet | 5 - 10 feet | |
| | Quaking Aspen | 90 | Sapling | 4 | 34 | R | ed Oak | Low | 5 - 10 feet | 5 - 10 feet | |
| | | | | | L | Haze | Inut (Spp.) | High | 5 - 10 feet | 5 - 10 feet | |
| 43 | 622 - Lov | wland Shrub |) | Noi | ne | 29.8 | | | No | | |
| 45 | 4199 - Other Mixed Upland Deciduous | | eciduous F | Poletimber Well | | 10.7 105 111-140 | | 111-140 | N/A | | Split Sale cut 2008-2010 |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Specie | es Density | Avg. Height | Size | |
| | Sugar Maple | 35 | Pole/Log | 9 | | Sug | gar Maple | Low | < 5 feet | < 5 feet | |
| | Red Maple | 5 | Pole | 9 | | Iro | onwood | High | 5 - 10 feet | 5 - 10 feet | |
| | Basswood | 15 | Log/Pole | 12 | | R | ed Oak | Low | < 5 feet | < 5 feet | |
| | Red Oak | 45 | Log | 16 | 105 | | | | | | - |
| 47 | 4130 - Aspen | | Sapling Well | | 21.8 26 In | | Immature | N/A | | Walking Trail TS cut 1999. Some oak saplings are recruiting | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Ca | nopy Specie | es Density | Avg. Height | Size | |
| | Sugar Maple | 5 | Sapling | 2 | | | Inut (Spp.) | Medium | 5 - 10 feet | 5 - 10 feet | |
| | Red Maple | 15 | Sapling | 2 | | Ва | lsam Fir | Medium | Variable | Variable | |
| | Red Oak | 5 | Log/Pole/Sap | | | | | | | | |
| | Quaking Aspen | 55 | Sapling | 4 | 26 | | | | | | |
| | Bigtooth Aspen | 20 | Sapling | 4 | | | | | | | |



| Stan | d Level 4 C | Level 4 Cover Type S | | Size De | ensity | Acres Stand Age BA Range | | BA Range | Managed Site | | General Comments |
|------|-----------------------------------|----------------------|-----------------|-------------------|----------|--------------------------|---------------------|-------------|---|---------------------------|--|
| 48 | 4130 - Aspen | | Poletimber Wel | | per Well | 9.3 85 | | Inspecified | N/A | | Intermittent drainage with bed/bank through this stand. Most of this |
| | Canopy Species | % Cover | Size Class | DBI | H Age | Sub-Can | py Species | Density | Avg. Height | Size | stand is retention/buffers from previous harvests. |
| | Red Maple | 10 | Log/Pole | 11 | | Bals | am Fir | Medium | Variable | Variable | |
| | Quaking Aspen | 80 | Pole | 9 | 85 | White | Spruce | Low | Variable | Variable | |
| | White Pine | 10 | Log | 14 | | | Alder | Low | 5 - 10 feet | 5 - 10 feet | |
| | | | | | | Hazeln | ut (Spp.) | Medium | 5 - 10 feet | 5 - 10 feet | |
| 49 | 4130 - Aspen P | | | Poletimb | er Well | 12.9 | 12.9 53 Unspecified | | N/A Avg. Height Size | | Trace red pine logs; red maple saps 4-5" dbh; bigtooth is larger and in scattered pockets + along road. This stand will hold. |
| | Canopy Species % Cover | | Size Class | ize Class DBH Age | | Sub-Canopy Species | | Density | | | |
| | Red Maple | 20 | Sapling/Po | le 4 | | Bals | am Fir | Medium | Variable | Variable | |
| | Quaking Aspen | 60 | Pole | 8 | 53 | Whit | e Pine | Low | Variable | Variable | |
| | Bigtooth Aspen | 10 | Log | 11 | | Hazeln | ut (Spp.) | High | 5 - 10 feet | 5 - 10 feet | |
| | White Spruce | 5 | Log/Pole | 12 | | Red | Maple | Medium | >20 feet | >20 feet | |
| | White Pine | 5 | Log | 14 | | White | Spruce | Low | Variable | Variable | |
| 50 | 4130 - Aspen S | | | Saplin | g Well | 54.1 16 Immature | | N/A | | Febrile Aspen TS cut 2009 | |
| | Canopy Species | % Cover | Size Class | DBI | H Age | Sub-Can | opy Species | Density | Avg. Height | Size | |
| | Red Maple | 15 | Sapling | 1 | | Whit | e Pine | Low | < 5 feet | < 5 feet | |
| | Red Oak | 1 | Pole | 9 | | Bals | am Fir | Low | Variable | Variable | |
| | Quaking Aspen | 80 | Sapling | 3 | 16 | Red | d Oak | Low | < 5 feet | < 5 feet | |
| | White Pine | 4 | Log/XLog | 16 | | | | | | | _ |
| 51 | 4110 - Sugar Maple Association Po | | | Poletimb | oer Well | 218.7 105 81-11 | | 81-110 | 0 N/A | | ONeill TS cut 1991-92. Lower BAs, heavier ironwood saplings along |
| | Canopy Species | % Cover Size Class | | DBH Age | | Sub-Canopy Species | | Density | Avg. Height | Size | Tower Rd. Lots of basswood clumps. There is a wet conifer/ash swale in southwest lobe of this stand to protect. Hipster Hwd TS cut 2020- |
| | Sugar Maple | 55 | Log/Pole | 10 | 105 | Leath | erwood | Low | 5 - 10 feet | 5 - 10 feet | 2022. |
| | Basswood | 30 | Log | 14 | | White | Spruce | Low | Variable | Variable | |
| | White Ash | 1 | Pole/Log | 9 | | Iron | wood | Medium | 10 - 20 feet | 10 - 20 feet | |
| | Red Oak | 13 | Log | 14 | | | | | | | _ |
| | Bigtooth Aspen | 1 | Log/Pole | 12 | | | | | | | |
| 52 | 4130 - Aspen F | | Poletimber Well | | 24.4 60 | 81-110 | N/A | | There are hardwood knobs in here which are low quality (cracks, | | |
| | Canopy Species | % Cover | Size Class | DBI | H Age | | | | | | defect, broken limbs); low spot in east finger will serve retention. Keep all oak (only a few) |
| | Sugar Maple | 25 | Log/Pole | 10 | | | | | | | (0) |
| | Basswood | 10 | Log | 12 | | | | | | | |
| | Quaking Aspen | 65 | Pole | 8 | 60 | | | | | | |
| 400 | 100 310 - Herbaceous Openland | | | | ne | 2.8 | | | No | | OPIC - FMD: Site Index is from previous OI data. |
| 400 |) 310 - Herbac | eous Open | land | No | ne | Э | e 2.8 | e 2.8 | e 2.8 | e 2.8 No | e 2.8 No |