



# Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52209

Entry Year 2026

Acreage: 1,660

County Cheboygan

Management Area: Presque Isle Lake and Till Plains

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**Stand Examiner:** John Scheele

## Legal Description:

T35N - R1E Sections 19, 20, and 21

## Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan.

## Soil and topography:

Soils in the compartment consist primary of Grayling-Rubican and Cheboygan-Blue Lake Associations. Topography is nearly level to gently rolling.

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

Compartment consist of contiguous state land within and surrounding the compartment. A couple isolated private parcels are located in the western part of the compartment.

## Unique Natural Features:

Wood Turtle has been observed in compartment. Potential for red-shouldered hawk, eagle, osprey, great blue heron rookery. Potential for wood turtle and lake sturgeon. Potential for massasauga and Blanding's turtle. Central portion of compartment contains Black River NFW PLU.

## Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

## Special Management Designations or Considerations:

## Watershed and Fisheries Considerations:

This compartment has excellent fisheries value. A portion of the Upper Black River runs through this compartment. This river receives a spawning run of lake sturgeon, a state threatened species, and an important spawning area is in Section 20. A no-clear cut buffer of a minimum of about 100' from the top of the ridge should be maintained to reduce erosion to the river. A stream/intermittent drainage runs from west to east through the northern part of this compartment. Best management practices should be followed, including a no-clear cut buffer, to reduce erosion and sedimentation to the river.

## Wildlife Habitat Considerations:

Treatments in this compartment will maintain age class diversity in aspen and oak while creating early successional habitat benefiting deer, grouse, and woodcock. Clumps of mature oak will be left in these treatments for mast production for deer, wild turkey and grouse.

## Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured till, lacustrine (lake) sand and gravel and minor ice-contact outwash sand and gravel. The glacial drift thickness varies between 10 and 100 feet. The Devonian Traverse Group subcrops below the glacial drift. The Traverse is used for cement and stone elsewhere in the State. A gravel pit is located in Section 21 and there should be potential. The nearest oil and gas production, the Niagaran Reef Trend, is located 12 miles to the south. This area is leased for potential Collingwood Formation development.

## Vehicle Access:

Access is good. Several county roads run through and around compartment.

## Survey Needs:

None.

## Recreational Facilities and Opportunities:

Numerous recreational trails are within the compartment providing many recreational opportunities. The North Eastern State Trail and the Upper Black River are also located in the compartment. The compartment is also used heavily for

hunting opportunities.

**Fire Protection:**

There is a small wildfire concern along the east side of the Upper Black River due to campfire activity and the Jack Pine component.

**Additional Compartment Information:**

The Sturgeon For Tomorrow organization locates their temporary headquarters on the east side of the Upper Black River during the spring sturgeon spawning run.

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

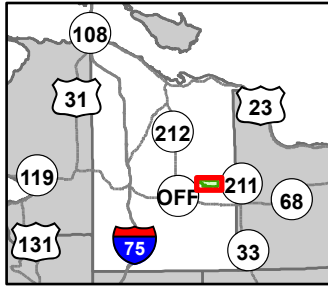
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

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

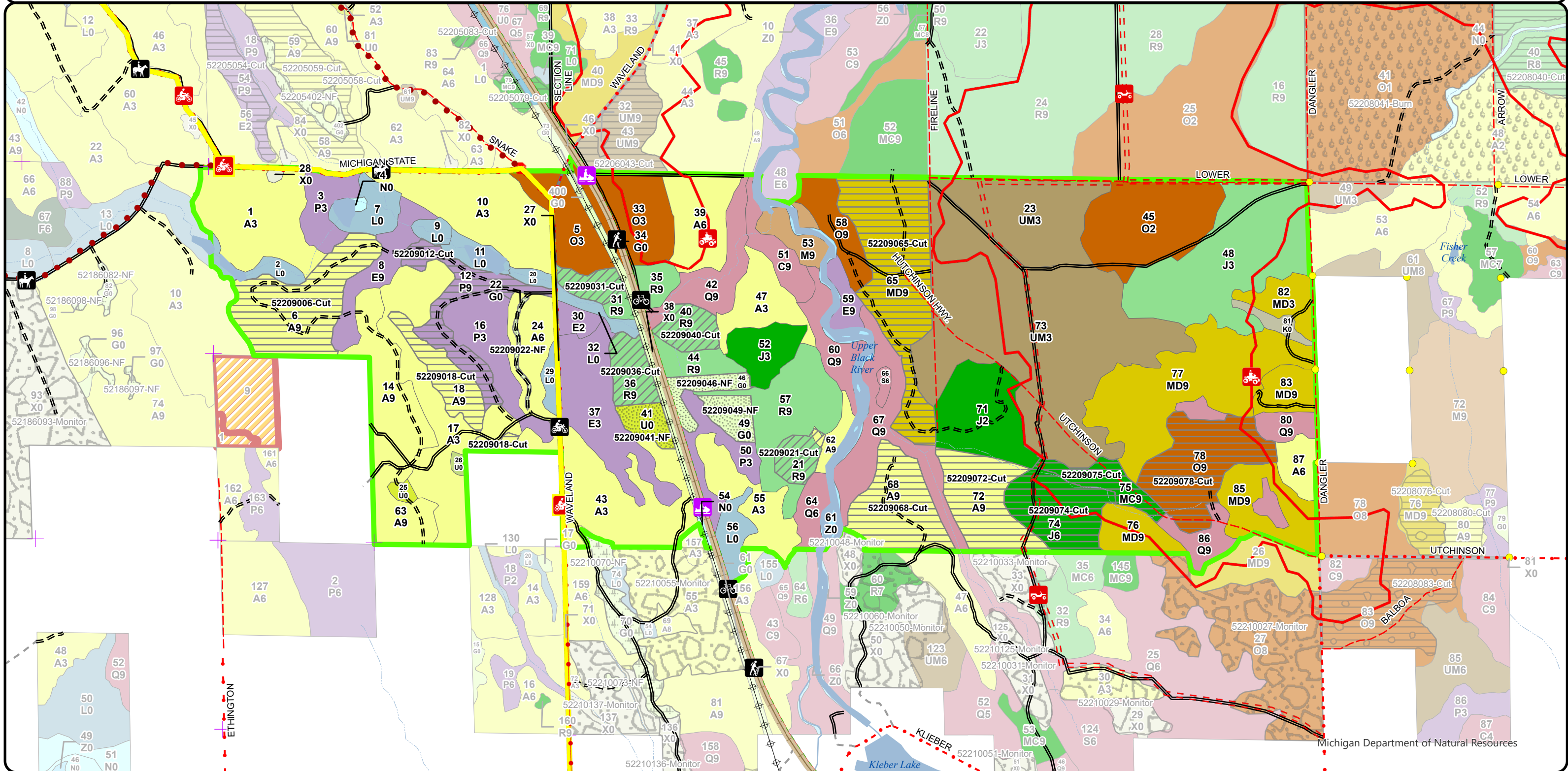
Cover Type & Treatments Map

Compartment: 52209  
 T35N R01E Sec. 19,20,21  
 County: Cheboygan  
 Unit: Gaylord  
 Mgmt Area: Presque Isle Lake and Till Plains  
 YOE: 2026  
 Acres: 1659.6 GIS Calculated  
 Examiner: John Scheele  
 Map Revised: 5/10/2024  
 Map Phase: Web Post



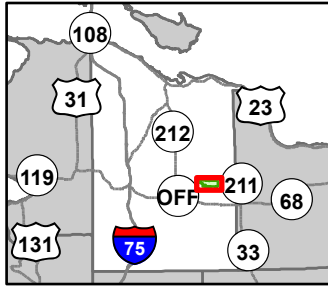
0 0.5 1 Miles

- |                                 |                                 |                               |                                   |                                 |                                     |
|---------------------------------|---------------------------------|-------------------------------|-----------------------------------|---------------------------------|-------------------------------------|
| Sign                            | Motorcycle Trails (DNR License) | Designated ORV Routes         | Lake/Pond                         | 411 - Northern Hardwood         | 122 - Roads/Parking Lot             |
| Survey Grade Corners            | MCCCT Trails                    | Designated ATV Trails         | Perennial River                   | 412 - Oak Types                 | 310 - Herbaceous Openland           |
| Remonumented Section Corners    | ORV Trails                      | Designated MCCCT Trails       | Lakes and Rivers                  | 413 - Aspen Types               | 320 - Upland Shrub                  |
| Hiking Trails                   | ORV Routes                      | DNR - Secondary Forest Road   | Powerline                         | 419 - Mixed Upland Deciduous    | 330 - Low Density Trees             |
| Bike Trails                     | Snowmobile Trails               | DNR - Forest Access Route     | Compartment Boundary              | 421 - Planted Pines             | 500 - Water                         |
| Horse Trails                    | Designated Bicycle Trails       | County - Gravel Road          | Counties                          | 422 - Natural Pines             | 622 - Lowland Shrub                 |
| Motorcycle Trails (SOS License) | Designated Equestrian Trails    | County - Dirt Road (Seasonal) | Clearcut (w/Reserves)             | 430 - Upland Mixed Forest       | 623 - Emergent Wetland              |
|                                 |                                 | Private - Dirt / Gravel Road  | Thinning (Crown, Low, Systematic) | 611 - Lowland Deciduous Forest  | 720 - Exposed Rock                  |
|                                 |                                 | Intermittent Stream           | Mowing                            | 612 - Lowland Coniferous Forest | 790 - Other Bare/Sparsely Vegetated |



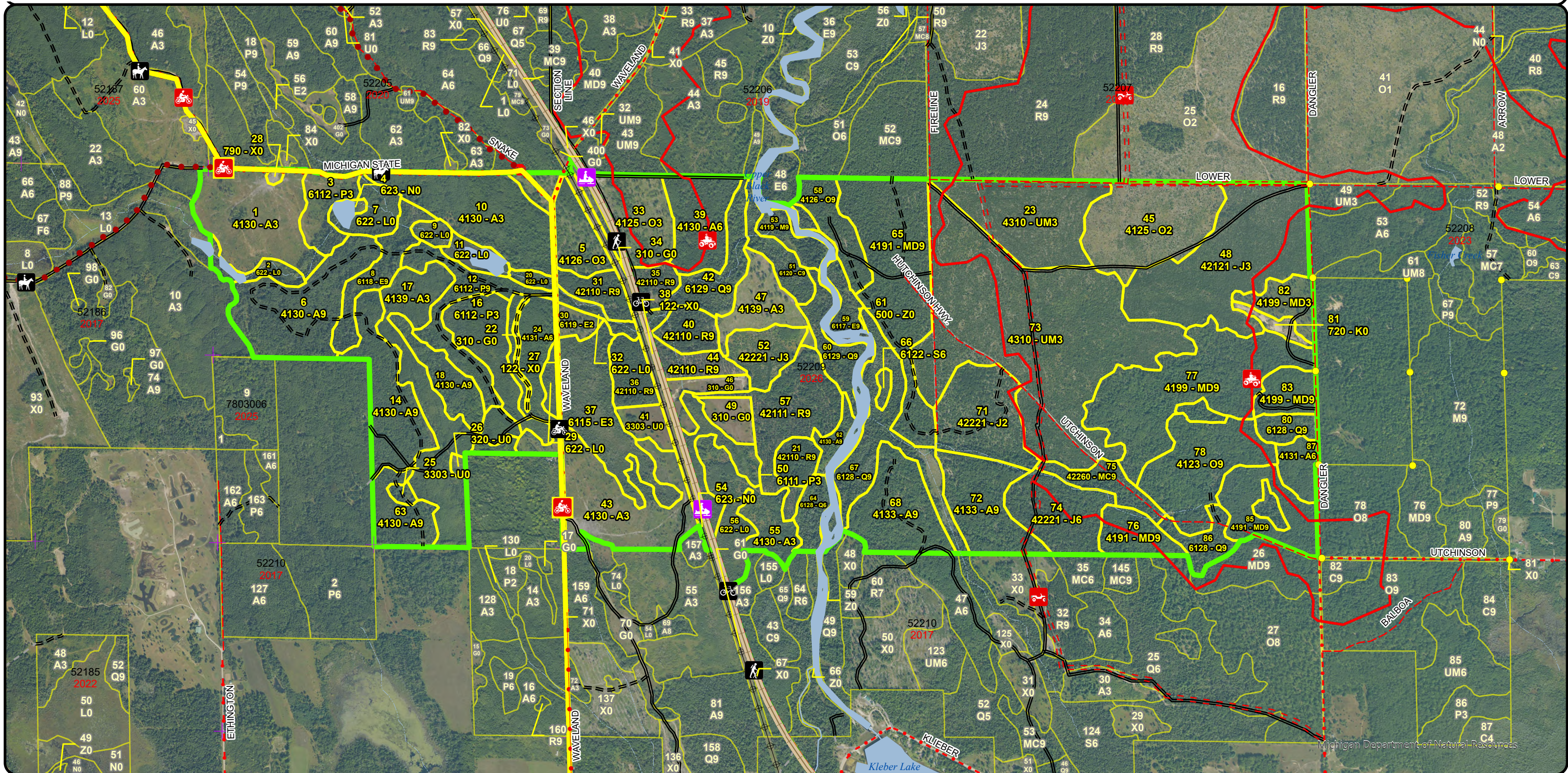
# Stand Boundary Map

Compartment: 52209  
 T35N R01E Sec. 19,20,21  
 County: Cheboygan  
 Unit: Gaylord  
 Mgmt Area: Presque Isle Lake and Till Plains  
 YOE: 2026  
 Acres: 1659.6 GIS Calculated  
 Examiner: John Scheele  
 Map Revised: 5/10/2024  
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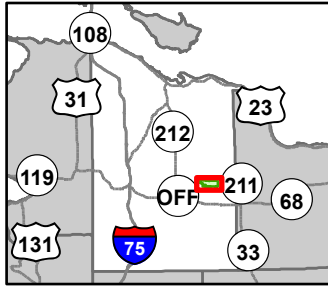
- Sign
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Bike Trails
- Horse Trails
- Motorcycle Trails (SOS License)
- Motorcycle Trails (DNR License)
- MCCCT Trails
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated Bicycle Trails
- Designated Equestrian Trails
- Designated ORV Routes
- Designated ATV Trails
- Designated MCCCT Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Counties
- Stand Boundaries
- 411 - Northern Hardwood
- 412 - Oak Types

- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 720 - Exposed Rock
- 790 - Other Bare/Sparsely Vegetated
- State Forests



**Special Conservation Areas & Site Conditions Map**

Compartment: 52209  
 T35N R01E Sec. 19,20,21  
 County: Cheboygan  
 Unit: Gaylord  
 Mgmt Area: Presque Isle Lake and Till Plains  
 YOE: 2026  
 Acres: 1659.6 GIS Calculated  
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 Map Revised: 5/10/2024  
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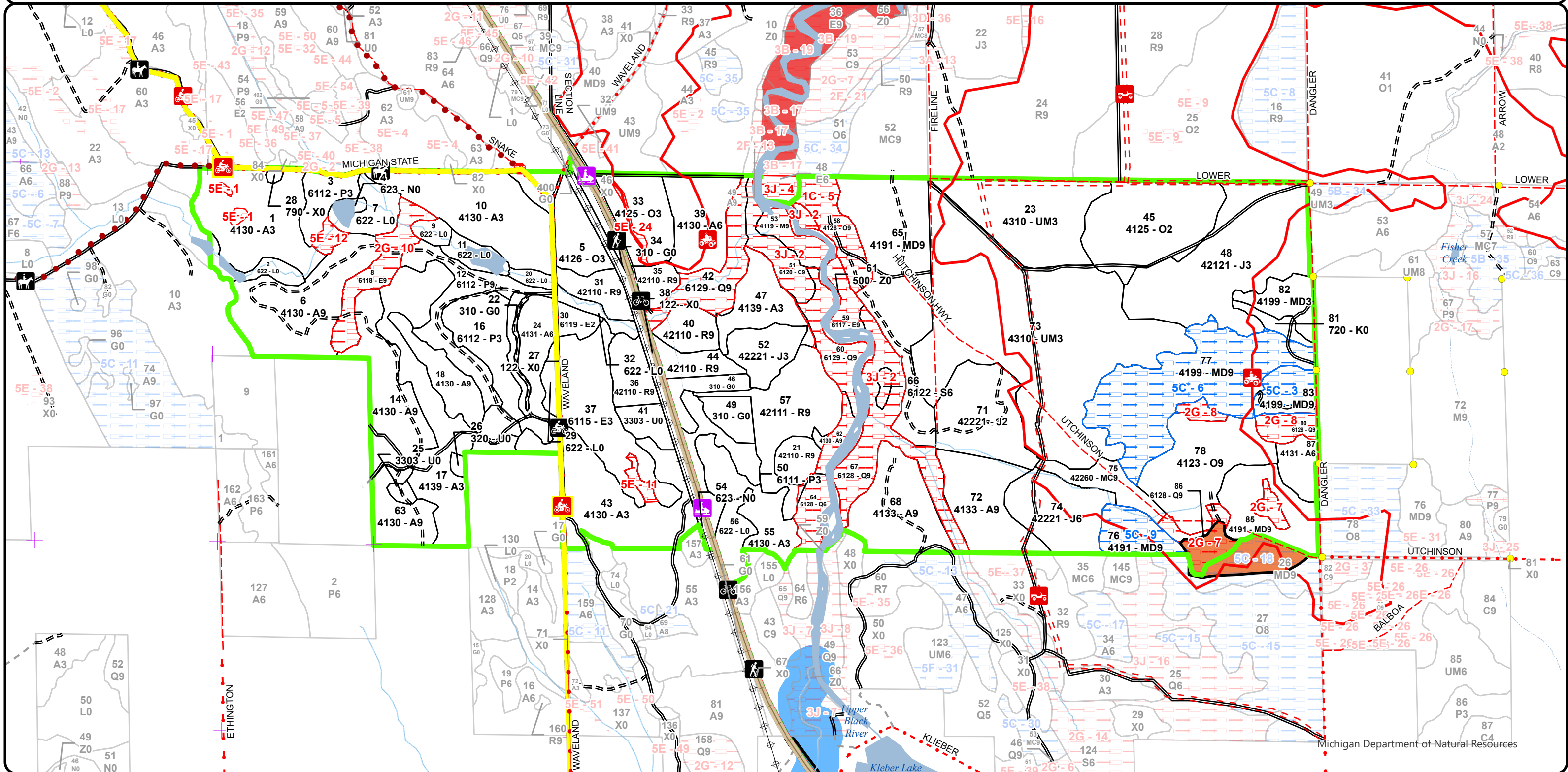


- Sign
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Bike Trails
- Horse Trails
- Motorcycle Trails (SOS License)
- Motorcycle Trails (DNR License)

- MCCCT Trails
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated Bicycle Trails
- Designated Equestrian Trails
- Designated ORV Routes
- Designated ATV Trails
- Designated MCCCT Trails
- DNR - Secondary Forest Road

- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Counties
- Available w/ Constraints

- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1C: Other dept or div proc/practices
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer
- Trail - Trail Corridor
- Other Habitat Area



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	113	51	111	0	58	76	0	48	6	0	0	0	0	0	0	0	0	462
Bare/Sparsely Vegetated	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
Exposed Rock	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Herbaceous Openland	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Jack Pine	0	0	89	34	0	0	28	0	0	0	0	0	0	0	0	0	0	0	150
Low-Density Trees	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Aspen/Balsam Poplar	0	14	0	38	0	0	0	24	0	0	0	0	0	0	0	0	0	0	76
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	56	45	0	0	0	0	0	100
Lowland Deciduous	0	5	0	0	37	0	0	0	0	0	17	7	0	0	0	0	0	0	66
Lowland Shrub	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
Marsh	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	12	0	0	0	0	0	0	24	0	142	14	0	0	0	0	0	0	192
Natural Mixed Pines	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	12
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
Oak	0	49	46	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	151
Red Pine	0	0	0	0	0	0	0	61	32	0	0	0	0	0	0	0	0	0	93
Upland Mixed Forest	0	0	202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	202
Upland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Water	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
<b>Total</b>	<b>129</b>	<b>193</b>	<b>388</b>	<b>183</b>	<b>37</b>	<b>58</b>	<b>104</b>	<b>85</b>	<b>116</b>	<b>6</b>	<b>215</b>	<b>89</b>	<b>57</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1657</b>



# Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 209

Total Compartment Acres: 1,660

Commercial Harvest - 329  
 Harvests with Site Condition - 0  
 Next Step Harvest - 0  
 Habitat Cut - 0

## Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	124	0	0	0	0	0	0	0	0	124
Jack Pine	28	0	0	0	0	0	0	0	0	28
Lowland Aspen/Balsam Poplar	24	0	0	0	0	0	0	0	0	24
Mixed Upland Deciduous	62	0	0	0	0	0	0	0	0	62
Natural Mixed Pines	12	0	0	0	0	0	0	0	0	12
Oak	40	0	0	0	0	0	0	0	0	40
Red Pine	0	0	0	0	0	39	0	0	0	39
<b>Total</b>	<b>291</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>329</b>

## Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	329	0	0	0	0	0	0	26	0	355
Next Step	0	0	0	0	0	0	291	0	0	291
<b>Total</b>	<b>329</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>291</b>	<b>0</b>	<b>26</b>	<b>646</b>



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

**Proposed Treatments:**

<b>6</b>	<b>52209006-Cut</b>	43.8	4130 - Aspen	Sawtimber Well	58	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest stand to regenerate. Put stand retention/buffer along stream and a separate retention to include the drainage in the southwestern part of stand. Included grouse habitat creation specification in sale proposal.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration includes a moderate to well stocked stand of aspen.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
<b>12</b>	<b>52209012-Cut</b>	24.4	6112 - Lowland Aspen	Sawtimber Well	60	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest stand to regenerate. Do not cut either cedar or pine species. Recommend cutting in summer or winter with tracked equipment.</p> <p><u>Specs:</u> Leave retention/buffer along the north boundary to stream. Put retention on the north side of two track road along stream.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration includes a moderate to well stocked stand of aspen and deciduous species.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
<b>18</b>	<b>52209018-Cut</b>	17.7	4130 - Aspen	Sawtimber Well	70	81-110	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Harvest stand to regenerate. Possible retention would be in the southwest corner of stand to include some of the large DBH Sugar Maple.</p> <p><u>Specs:</u> Included grouse habitat creation specification in sale proposal.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration includes a moderate to well stocked mix of aspen and deciduous species.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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21	52209021-Cut	8.6	42110 - Planted Red Pine	Sawtimber Well	63	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin to 100 - 110 BA. Remove all aspen and Red Maple. Expand treatment boundary to the northeast to cut the pocket of overmature aspen in the west portion of Stand 62. Leave the few Sugar Maple and Oak trees which are insignificant in volume and scattered.

Specs:  
Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

22	52209022-NF	1.8	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Mowing	3102 - Grass		No
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Prescription Maintain grass opening.

Specs:  
Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

31	52209031-Cut	7.6	42110 - Planted Red Pine	Sawtimber Well	74	141-170	Harvest	Crown Thinning	42110 - Planted Red Pine	Even-Aged	No
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Prescription Thin stand to 100 - 110 BA. Mark the largest DBH and non-utility pole quality trees to cut. Do not include the southeast portion of the stand in the treatment.

Specs:  
Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

36	52209036-Cut	12.1	42110 - Planted Red Pine	Sawtimber Well	74	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin to 100 - 110 BA. Mark the largest DBH and non-utility quality trees to remove. Protect oak regeneration where possible. Cut in winter or dry summer to protect recreation trail. Include oak wilt spec and trail protection spec.

Specs:  
Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>40</b>	<b>52209040-Cut</b>	10.5	42110 - Planted Red Pine	Sawtimber Well	63	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin stand to 100 - 110 BA. Mark largest DBH trees and poor-quality trees to remove. Cut in winter or dry summer to protect recreation trail. Include trail protection spec.

Specs:  
Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>41</b>	<b>52209041-NF</b>	7.4	3303 - Mixed Low Density Trees	Nonstocked		Unspecified	NonForestMgt	Mowing	3102 - Grass		No
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Prescription Maintain grass opening.

Specs:  
Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>46</b>	<b>52209046-NF</b>	8.3	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Mowing	3102 - Grass		No
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Prescription Maintain grass opening.

Specs:  
Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>49</b>	<b>52209049-NF</b>	8.2	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Mowing	3102 - Grass		No
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Prescription Maintain grass opening.

Specs:  
Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025



Standard

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>65</b>	<b>52209065-Cut</b>	62.1	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	95	111-140	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
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Prescription Harvest to stand to regenerate. Mark a few of the larger diameter Red and White Pines, and White Oaks >16 inches to leave. Target residual BA is 10. In the northwest part of the stand, leave the treatment boundary on top of ridge. This area will be left as stand retention and additional buffer to the Sturgeon Guard Headquarters. Stand retention may exceed 10%. Include oak wilt restriction to protect residual oak and to restrict harvesting activity during the sturgeon guard activities which are usually from April 15th - June 15th.

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked combination mix of any upland deciduous and pine species.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>68</b>	<b>52209068-Cut</b>	32.3	4133 - Aspen, Mixed Pine	Sawtimber Well	58	81-110	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
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Prescription Harvest to regenerate stand. Leave all legacy Red Pine and Red Oaks. Leave any White Oak. Put retention in the southwest corner of stand along river. Do not cut the 30+ DBH White Pine tree in north corner of stand. Included grouse habitat creation specification in sale proposal.

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of aspen, oak, and pine species.

Other Comment: Delay treatment of this stand and prescribe with Stand 47 of 52210 in YOE 2027. Only access to this stand is through Stand 47 of 52210, which is in southern part of that stand.

Site Condition

Proposed Start Date: 10/1 /2026

<b>72</b>	<b>52209072-Cut</b>	30.1	4133 - Aspen, Mixed Pine	Sawtimber Well	70	81-110	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	No
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Prescription Harvest stand to regenerate. Leave all White Oak. Mark individual scattered clumps of Red Pine, White and Red Oak to leave. Total residual BA target is 10. Put treatment boundary on the top of ridge along north, west, and southwest edges of stand. Leave the southwest corner of stand as retention. Included grouse habitat creation specification in sale proposal.

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of aspen and oak species.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025



Standard

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>74</b>	<b>52209074-Cut</b>	27.8	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	55	81-110	Harvest	Clearcut with Retention	4122 - Oak, Pine	Even-Aged	No
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Prescription Specs: Harvest stand to regenerate. Keep north treatment boundary on top of ridge. Leave all White Oak, White and Red Pine. Total target residual BA is 10. Include the recreation trail in stand retention. Expanded treatment boundary to the south if needed. Cut during snow off conditions to encourage scarification and regeneration. Include trail protection spec. Include oak wilt spec.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of oak species and Jack Pine.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>75</b>	<b>52209075-Cut</b>	12.2	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	75	81-110	Harvest	Clearcut with Retention	4122 - Oak, Pine	Even-Aged	No
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Prescription Specs: Harvest stand to regenerate. Keep treatment south boundary on top of ridge. Leave all White Oak. Also, mark a few individual Red Oak and White Pine along road to leave. Target residual BA is 10. No other stand retention due to small stand size. Cut during snow off conditions to encourage scarification and regeneration. Include oak wilt protection requirement. Include the trail protection requirement.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of oak and Pine species.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>78</b>	<b>52209078-Cut</b>	40.1	4123 - Red Oak	Sawtimber Well	90	111-140	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
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Prescription Specs: Harvest stand to regenerate. Do not cut Red Pine and White Oak. Mark a few individual Red Oak to leave as well. Leave any trees >22 inches DBH. Total residual BA target is 10. Put retention along and east of recreation trail. Add recreation trail protection sale requirement. Include oak wilt sale requirement.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked combination mix of oak, deciduous, and pine species.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

**Total Treatment Acreage Proposed: 355**

## Report 4 – Site Conditions

Gaylord Mgt. Unit  
John Scheele: Examiner

Compartment: 209  
Year of Entry: 2026

### Availability for Management

Total	Acres	<i>Acres Avail</i>	Acres
Acres	Available	<i>With Condition</i>	Not Available

### Dominant Site Conditions

5C   1C   2G   3J   5E

462	455	0	7	Aspen				6	1
1	1	0	0	Bare/Sparsely Vegetated					
12	0	0	12	Cedar				12	
4	4	0	0	Exposed Rock					
30	30	0	0	Herbaceous Openland					
150	150	0	0	Jack Pine				0	
9	9	0	0	Low-Density Trees					
76	73	0	3	Lowland Aspen/Balsam Poplar					3
101	1	0	100	Lowland Conifers			24	76	
67	42	0	24	Lowland Deciduous			17	7	
51	51	0	0	Lowland Shrub					
2	0	0	2	Lowland Spruce/Fir				2	
3	3	0	0	Marsh					
192	98	94	0	Mixed Upland Deciduous	94				
12	12	0	0	Natural Mixed Pines					
10	0	0	10	Northern Hardwood				10	
151	133	0	18	Oak		16			2
93	92	0	0	Red Pine				0	
202	202	0	0	Upland Mixed Forest					
1	1	0	0	Upland Shrub					
12	12	0	0	Urban					
18	18	0	0	Water				0	
1,660	1,389	94	177	Total Forested Acres	94	16	41	113	7
	84%	6%	11%	Relative Percent					

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Gaylord Mgt. Unit  
John Scheele: Examiner

Compartment: 209  
Year of Entry: 2026

2	<b>Unavailable</b>	3J: Water quality / BMPs (stream, river, or lake)	113	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	<b>Available</b>	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Leave treatment for next YOE.							
4	<b>Unavailable</b>	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	1C: Other dept or div proc/practices	16	3D: Recreational / Scenic values	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
<b>Comments:</b> Sturgeon Guard Headquarters							
6	<b>Available</b>	5C: Delay treatment for age/size class diversity or exceptional site quality	69	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Gaylord Mgt. Unit  
John Scheele : Examiner

Compartment: 209  
Year of Entry: 2026

8	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Delay treatment until next YOE or until aspen gets bigger.							
10	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	17	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	3	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This is retention for Stand 3.							
24	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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

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

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
1	4130 - Aspen	Sapling Well	43.9	3	Immature	N/A	Stand cut 8/2020. (52-130-16-01 Michigan State Road Aspen)																																													
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2	622 - Lowland Shrub	Nonstocked	7.2		Unspecified	No	Couple large beaver dams.																																													
3	6112 - Lowland Aspen	Sapling Well	13.9	3	Immature	N/A	Stand cut 8/2020. (52-130-16-01 Michigan State Road Aspen)																																													
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4	623 - Emergent Wetland	Nonstocked	1.3		Unspecified	No	Previous inventory.																																													
5	4126 - White, Black, N. Pin Oak	Sapling Well	20.6	2	Immature	N/A	Stand was cut in 10/25/2021 as part of Nest Trail Pine Mix 52-131-16. The aspen is mostly along the east side of Waveland Road.																																													
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6	4130 - Aspen	Sawtimber Well	43.8	58	81-110	N/A	Variable stand of aspen. Small pocket of large aspen trees in southwest corner of stand. Some large DBH Sugar Maple in center of stand. Some blow down in drainage along the west side of stand.																																													
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8	6118 - Lowland Deciduous with Cedar	Sawtimber Well	17.0	90	111-140	N/A	Previous inventory. This is a drainage running north to stream.																																																															
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11	622 - Lowland Shrub	Nonstocked	6.9		Unspecified	No	Beaver dam.																																																															
12	6112 - Lowland Aspen	Sawtimber Well	24.4	60	81-110	N/A	Variable stand with higher ground in the north and lower ground in the south. Aspen is over mature with trunk rot in places. Some blowdowns in north part. Old skid trail in the center of stand and is it full of Autumn Olive. A few drainages within stand flowing to the north. Some beaver activity along the north boundary. Pine trees are mostly along the northern part of stand.																																																															
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14	4130 - Aspen	Sawtimber Well	32.8	47	81-110	N/A	Healthier aspen on higher ground compared to Stand 63 to the south. Some scattered, larger DBH aspen. Less Autumn Olive in understory as well. High Autumn Olive in the old skid trail along east boundary line leading to Stand 6 and in drainages. Blowdown is occurring in drainages and lower ground.																																																															
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17	4139 - Aspen, Mixed Deciduous	Sapling Well	50.7	15	Immature	N/A	Adjust DBH to reflect growth from last inventory.																																															
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18	4130 - Aspen	Sawtimber Well	17.7	70	81-110	N/A	Nice quality aspen on a rolling, east facing slope. Some larger, over mature aspen with trunk rot. Some large, branchy Sugar maple mostly along the west and south boundary line. No Autumn Olive.																																															
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20	622 - Lowland Shrub	Nonstocked	2.9		Unspecified	No	Previous inventory.																																															
21	42110 - Planted Red Pine	Sawtimber Well	7.9	63	171-200	N/A	Nice quality Red Pine with some overmature aspen. A couple scattered Sugar Maple and oak trees. This area was not thinned during last entry treatment of the adjacent stand due to the potential presence of a raptor's nest. No evidence of a raptor nest during current inventory. Current BA = 180.																																															
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22	310 - Herbaceous Openland	Nonstocked	1.8		Unspecified	No	No activity appears to have taken place in this stand in last inventory cycle.																																															



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<b>23</b>	4310 - Pine, Oak Mix	Sapling Well	44.9	15	Immature	N/A	Updated diameters from last inventory to reflect increased growth.																																																															
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<b>24</b>	4131 - Aspen, Oak	Poletimber Well	18.6	27	81-110	N/A																																																																
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<b>25</b>	3303 - Mixed Low Density Trees	Nonstocked	2.0		Unspecified	No																																																																
<b>26</b>	320 - Upland Shrub	Nonstocked	1.3		Unspecified	No	Old landing for previous harvest. Full of Autumn Olive and briar species.																																																															
<b>27</b>	122 - Road/Parking Lot	Nonstocked	5.1		Unspecified	No	Waveland Road.																																																															
<b>28</b>	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.9	0	Unspecified	No	Landing for previous cutting. No Current regeneration.																																																															
<b>29</b>	622 - Lowland Shrub	Nonstocked	3.7		Unspecified	No																																																																
<b>30</b>	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	4.9	3	Immature	N/A	Stand cut 10/2020 (52-130-16-01 Michigan State Road Aspen). Heavy deer browse.																																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
31	42110 - Planted Red Pine	Sawtimber Well	10.2	74	141-170	N/A	Nice, tall Red Pine. Nice ground blind along south boundary. Deer runways going north and south. Southeast corner of stand has a much lower Red Pine BA. Thinned in 1996. BA = 146.																																																			
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32	622 - Lowland Shrub	Nonstocked	4.6		Unspecified	No	Stream																																																			
33	4125 - Black, N. Pin Oak	Sapling Well	28.2	2	Immature	N/A	Treatment was completed 11/17/2021 as part of Nest Trail Pine Mix 52-131-16. Very little aspen regeneration. moderate deer browse.																																																			
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34	310 - Herbaceous Openland	Nonstocked	11.4		Unspecified	No	Powerline which was upgraded in 2023. Mostly upland grasses.																																																			
35	42110 - Planted Red Pine	Sawtimber Well	7.5	63	81-110	N/A	Thinning was completed 11/23/2021 as part of Nest Trail Pine Mix 52-131-16. Pocket of old blowdown in center of stand. BA = 107																																																			
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36	42110 - Planted Red Pine	Sawtimber Well	12.1	74	141-170	N/A	Tall, nice quality trees with a thick understory of oak saplings. Thinned in 2007. BA = 145.																																																			
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37	6115 - Lowland Ash	Sapling Well	37.3	30	51-80	N/A	Previous inventory. Poor quality ash.																																																					
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38	122 - Road/Parking Lot	Nonstocked	6.8		Unspecified	No	NEST recreation trail.																																																					
39	4130 - Aspen	Poletimber Well	25.3	27	Unspecified	N/A	Update DBH for aspen. Some larger DBH trees along the western edge of stand on the slope. White Pine is short with weevil damage. Maybe treat next YOE.																																																					
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40	42110 - Planted Red Pine	Sawtimber Well	10.5	63	141-170	N/A	Some tall, nice quality trees but also some branchy, defective trees. Stand appears to have never been third row thinned. Variable stand with pockets of very high to low BA. Overall BA = 153.																																																					
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41	3303 - Mixed Low Density Trees	Nonstocked	7.4		Unspecified	No	No activity has occurred in opening in last 10 years. Red Pine seedlings are establishing adjacent to Red Pine.																																																					
42	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	20.2	110	Unspecified	N/A	Previous inventory. Stand buffers stream. Springs and seeps in south portion of stand.																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
<b>43</b>	4130 - Aspen	Sapling Well	49.7	3	Immature	N/A	Stand cut 9/2020 (52-130-16-01 Michigan State Road Aspen). Some areas of low regeneration, especially adjacent to Stand 37. Landing area currently has no regeneration.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
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Northern White Cedar		2	Log/Pole	10		Low		
White Oak		2	Log	10		Unspecified		
Red Maple		10	Sapling	1		Non-Wood		
Red Pine		5	Log/Pole	10		Red Osier Dogwood		
Bigtooth Aspen		16	Sapling	1		Low		
Quaking Aspen		63	Sapling	1	3	< 5 feet		
						Tall Shrub		
<b>44</b>	42110 - Planted Red Pine	Sawtimber Well	9.5	74	81-110	N/A	Thinning was completed 12/7/2021 as part of Nest Trail Pine Mix 52-131-16. Nice quality trees with a few defective trees. BA = 90.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Jack Pine		2	Pole	8		Red Maple		
Red Pine		98	Log	12	74	Oak (spp.)		
						Low		
						Variable		
						Sapling		
						Medium		
						Variable		
						Sapling		
<b>45</b>	4125 - Black, N. Pin Oak	Sapling Medium	46.2	15	Immature	N/A	Looks like a failed planting. Appeared to be trenched in the past. Very little Jack Pine seen from the road. Mostly oak spp. and aspen. Updated species and diameters from last inventory.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>			
Jack Pine		20	Sapling	2	15			
Pin Cherry		2	Sapling	1				
Bigtooth Aspen		12	Sapling	3				
White Oak		2	Sapling	1				
Black/Red (Hybrid) Oak		51	Sapling	2	15			
Red Oak		13	Sapling	1				
<b>46</b>	310 - Herbaceous Openland	Nonstocked	8.3		Unspecified	No	No activity has occurred in opening in last 10 years.	
<b>47</b>	4139 - Aspen, Mixed Deciduous	Sapling Well	19.2	2	Immature	N/A	Treatment was completed 1/18/2022 as part of Nest Trail Pine Mix 52-131-16. Heavy deer browse in places.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>			
White Pine		2	Log	14				
Red Pine		2	Log	12				
Red Maple		16	Sapling	1				
White Oak		2	Log	14				
Black/Red (Hybrid) Oak		5	Sapling	1				
Red Oak		10	Sapling	1				
Bigtooth Aspen		55	Sapling	1	2			
Black/Red (Hybrid) Oak		2	Log	14				
Red Oak		6	Log	14				





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**48** 42121 - Planted Jack Pine, Mixed Deciduous Sapling Well 73.6 15 Immature N/A Updated diameters from last inventory to reflect increased growth.

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	60	Sapling	3	15
Pin Cherry	2	Sapling	2	
Red Oak	13	Sapling	2	
Bigtooth Aspen	2	Sapling	3	
White Oak	2	Sapling	2	
Black/Red (Hybrid) Oak	21	Sapling	2	

**49** 310 - Herbaceous Openland Nonstocked 8.2 Unspecified No No activity has occurred in the opening in the last 10 years.

**50** 6111 - Lowland Balsam Poplar Sapling Well 14.3 27 51-80 N/A Previous inventory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Sapling	3		Willow spp.	Low	>20 feet	Tall Shrub
Balsam Poplar	70	Sapling	3	27	Tag Alder	High	>20 feet	Tall Shrub
Quaking Aspen	20	Sapling	3					
Balsam Fir	5	Sapling/Pole	3					

**51** 6120 - Lowland Cedar Sawtimber Well 11.9 110 81-110 N/A Previous inventory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	10	Log	12		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	60	Pole/Log	10	110	Black Ash	Medium	10 - 20 feet	Sapling
Balsam Fir	15	Log	12					
Quaking Aspen	15	Log	18					

**52** 42221 - Natural Jack Pine, Mixed Deciduous Sapling Well 14.9 15 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	15	Sapling	3	
White Oak	5	Sapling	1	
Black/Red (Hybrid) Oak	15	Sapling	2	
Jack Pine	63	Sapling	2	15
Red Pine	2	Sapling	2	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>53</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	10.3	100	81-110	N/A	Previous inventory. Stand is mostly high ground with some pockets of low ground. Heavy EAB in Ash trees. Ash is dying out. BA = 93. No management recommended.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Ash		15	Sapling/Pole	4		Black Ash		Medium	>20 feet	Sapling
Basswood		38	Log	12	100	Tag Alder		Medium	10 - 20 feet	Tall Shrub
White Ash		28	Log	12		Balsam Fir		Low	Variable	Sapling
Balsam Fir		15	Pole/Log	10						
White Spruce		2	Log	10						
Northern White Cedar		2	Log	14						

<b>54</b>	623 - Emergent Wetland	Nonstocked	1.4		Unspecified	No	
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<b>55</b>	4130 - Aspen	Sapling Well	22.0	27	Immature	N/A	Updated DBH to reflect growth. Lots of deer runways and rubs. Pockets of low-density Red Pine regeneration in rocky areas.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		10	Pole	6		Red Pine		Low	5 - 10 feet	Sapling
Pin Cherry		20	Sapling	3						
Quaking Aspen		50	Sapling/Pole	4	27					
Bigtooth Aspen		20	Sapling/Pole	4						

<b>56</b>	622 - Lowland Shrub	Nonstocked	10.1		Unspecified	No	Previous inventory.
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<b>57</b>	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	35.0	63	111-140	N/A	Thinning was completed 1/4/2022 as part of Nest Trail Pine Mix 52-131-16.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		80	Log/Pole	11	63	Red Maple		Low	< 5 feet	Sapling
Bigtooth Aspen		15	Log	12		Aspen (spp.)		Low	< 5 feet	Sapling
Red Maple		5	Pole/Log	8		Oak (spp.)		Medium	5 - 10 feet	Sapling

<b>58</b>	4126 - White, Black, N. Pin Oak	Sawtimber Well	16.0	90	51-80	N/A	Primarily an oak stand with about 70 BA. Variable DBH for the aspen. Flat terrain. Area is used as the Sturgeon Guard headquarters every spring.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		51	Log/Pole	12	90	Pines (spp.)		Medium	Variable	Sapling
White Oak		27	Log/Pole	11		Oak (spp.)		High	Variable	Sapling
Bigtooth Aspen		10	Log/Pole	12						
Red Pine		2	Log	12						
Red Oak		2	Log	14						
White Pine		8	Log/Pole	10						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**59** 6117 - Lowland Deciduous, Mixed Coniferous Sawtimber Well 7.2 100 81-110 N/A Previous inventory. Some areas of low ground within stand. White Ash is dying out and stand is converting to basswood/balsam fir. No management recommended.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	20	Pole	7		Tag Alder	Low	10 - 20 feet	Tall Shrub
Black Ash	20	Sapling/Pole	4		Balsam Fir	Low	Variable	Sapling
Paper Birch	5	Log	12					
White Ash	23	Pole/Log	12	100				
White Spruce	2	Log	12					
Balsam Poplar	10	Log	10					
Basswood	20	Log	12					

**60** 6129 - Mixed Coniferous Lowland Forest Sawtimber Well 13.7 100 81-110 N/A Previous inventory. Stand is a buffer to the Black River.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole	6		Balsam Fir	Medium	Variable	Sapling
Black Ash	5	Pole	5		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Balsam Fir	20	Pole	7					
White Spruce	25	Log	10					
Northern White Cedar	38	Log	12	100				
Red Maple	2	Pole	5					

**61** 500 - Water Nonstocked 18.3 Unspecified No Black River

**62** 4130 - Aspen Sawtimber Well 5.9 80 81-110 N/A Previous inventory. Most of stand is on a slope down to Black River.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	45	Log	12	80	Red Maple	Low	5 - 10 feet	Sapling
Bigtooth Aspen	30	Log	14		Red Oak	Medium	5 - 10 feet	Sapling
Balsam Fir	10	Pole	5		Balsam Fir	Low	Variable	Sapling
Red Oak	5	Log	12					
Red Maple	10	Pole	7					

**63** 4130 - Aspen Sawtimber Well 16.1 47 81-110 N/A Some larger DBH aspen that is falling apart. Some aspens with trunk rot. Small amount of White Pine log-sized trees in southwest corner of stand along the south boundary line as well as few trees along the west boundary.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	2	Pole	6		Cherry (spp.)	Low	Variable	Sapling
Paper Birch	10	Pole/Log	8		White Pine	Low	Variable	Sapling
Red Maple	10	Pole	7		Autumn Olive	Full	5 - 10 feet	Tall Shrub
Bigtooth Aspen	23	Log/Pole	10	47	White Ash	Low	5 - 10 feet	Sapling
Quaking Aspen	51	Log/Pole	11	47				
White Pine	2	Log/Pole	12					
Black Cherry	2	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**64** 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 8.7 100 51-80 N/A Stand is a buffer to Black River.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	20	Log	12		Balsam Fir	Medium	Variable	Sapling
Black Ash	10	Pole	6					
Northern White Cedar	20	Log	10	100				
Paper Birch	5	Pole	6					
Quaking Aspen	20	Log	16					
Balsam Fir	20	Pole	5					
Balsam Poplar	5	Pole	7					

**65** 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 62.1 95 111-140 N/A Poor quality oak with some dying tops. Aspen is dying out as well. A few large diameter Red Pine and oaks are scattered. White Pine is very branchy, and most Jack Pine is dead or dying. Some of the hybrid oak has trunk conks. BA is 115.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	2	Log/Pole	10		White Pine	High	5 - 10 feet	Sapling
Red Pine	15	Log/Pole	10		Red Pine	Low	Variable	Sapling
Black/Red (Hybrid) Oak	46	Log/Pole	10	95	Oak (spp.)	Medium	< 5 feet	Sapling
Red Oak	2	Log	10					
White Pine	18	Log/Pole	10					
Red Maple	2	Pole/Sapling	5					
Bigtooth Aspen	5	Log/Pole	12					

**66** 6122 - Black Spruce Poletimber Well 2.0 105 81-110 N/A Previous inventory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	95	Pole	6	105	Tag Alder	High	5 - 10 feet	Tall Shrub
Northern White Cedar	5	Pole/Log	10		Balsam Fir	Medium	< 5 feet	Sapling

**67** 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 33.8 105 81-110 N/A Previous inventory. Stand is mostly at the bottom of steep ridge. Buffer to the Black River. No management recommended.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	2	Log	14		Balsam Fir	High	5 - 10 feet	Sapling
Quaking Aspen	5	Log	14					
Black Spruce	32	Pole/Log	9	105				
Red Maple	5	Pole/Log	10					
Paper Birch	13	Pole	8					
Northern White Cedar	31	Log	11					
Balsam Fir	10	Pole/Log	10					
White Pine	2	Log	14					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>68</b>	4133 - Aspen, Mixed Pine	Sawtimber Well	32.3	58	81-110	N/A	Variable stand with pockets of aspen and Red Pine from sapling to log sized DBH. Some log sized aspens along the southwest part of stand with smaller DBH, lower quality aspen in center of stand. Some beaver activity along the northeast boundary. Lots of deer tracks and runways in stand. Access to stand would be from the south through adjacent compartment.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Bigtooth Aspen		41	Pole/Log/Sap	8	58	Red Pine		Medium	Variable	Sapling	
White Pine		10	Log/Pole	12		Oak (spp.)		Medium	Variable	Sapling	
Jack Pine		2	Log/Pole	10		White Pine		Medium	Variable	Sapling	
Red Oak		10	Log	16							
Red Pine		25	Log/Pole	11							
White Oak		2	Log	12							
Red Maple		5	Pole/Log	8							
Black/Red (Hybrid) Oak		5	Log	12							

<b>71</b>	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Medium	33.6	28	Immature	N/A	Previous inventory. Increased DBH to reflect growth from last inventory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		23	Sapling	3		Black/Red (Hybrid) Oak		Medium	< 5 feet	Sapling
Pin Cherry		2	Sapling	3		Jack Pine		Medium	< 5 feet	Sapling
Red Pine		2	Sapling	3						
Jack Pine		66	Sapling	3	28					
White Oak		2	Sapling	2						
Bigtooth Aspen		5	Sapling	3						

<b>72</b>	4133 - Aspen, Mixed Pine	Sawtimber Well	30.1	70	81-110	N/A	Some larger diameter aspens along the edges of stand are dying out.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Jack Pine		10	Pole/Log	8		Oak (spp.)		High	5 - 10 feet	Sapling
Bigtooth Aspen		60	Log/Pole	12	70	White Pine		Low	Variable	Sapling
Red Oak		5	Log	14		Red Pine		Low	Variable	Sapling
Red Pine		10	Log	12						
Black/Red (Hybrid) Oak		5	Log/Pole	10						
White Oak		10	Log/Pole	16						

<b>73</b>	4310 - Pine, Oak Mix	Sapling Well	156.8	15	Immature	N/A	Updated diameters from last inventory to reflect increased growth.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Pin Cherry		2	Sapling	2						
Jack Pine		50	Sapling	2	15					
Black/Red (Hybrid) Oak		31	Sapling	2						
Bigtooth Aspen		2	Sapling	3						
White Oak		2	Sapling	1						
Red Oak		13	Sapling	2						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**74** 42221 - Natural Jack Pine, Mixed Deciduous Poletimber Well 27.8 55 81-110 N/A Poor quality aspen, Jack Pine and oak with some Jack Pine dying out. Short, branchy Jack Pine.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	1	Pole/Log	8		Oak (spp.)	High	< 5 feet	Sapling
Red Oak	2	Log	16		Red Pine	Low	Variable	Sapling
Bigtooth Aspen	15	Pole/Sap/Log	8		White Pine	Low	Variable	Sapling
White Oak	8	Log	12					
Black/Red (Hybrid) Oak	13	Log/Pole	10					
Red Pine	1	Log/Pole	10					
Jack Pine	60	Pole/Sapling	7	55				

**75** 42260 - Natural Pine, Mixed Deciduous Sawtimber Well 12.2 75 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	20	Log/Pole	10		Oak (spp.)	High	Variable	Sapling
Red Pine	10	Log/Pole	11		White Pine	Low	Variable	Sapling
Jack Pine	36	Log/Pole	10	75				
White Oak	2	Log	14					
Red Oak	5	Log/Pole	12					
Balsam Fir	2	Pole/Log	8					
Black/Red (Hybrid) Oak	15	Log/Pole	10					
Bigtooth Aspen	10	Log/Pole	11					

**76** 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 13.5 105 51-80 N/A Recreation trail runs through middle of stand. Some larger DBH oaks. Lots of deer runways.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	15	Pole/Log	9		Oak (spp.)	Low	< 5 feet	Sapling
Red Pine	10	Log	12		Balsam Fir	Medium	Variable	Sapling
Red Oak	30	Log	14	105				
White Oak	10	Log	16					
Red Maple	5	Pole/Sapling	5					
Bigtooth Aspen	30	Pole/Sapling	6	47				

Stand was cut in 1976 except for the oak species.

**77** 4199 - Other Mixed Upland Deciduous Sawtimber Well 68.7 90 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	28	Pole/Sap/Log	7	47	Oak (spp.)	High	Variable	Sapling
Red Oak	5	Log	12		Pines (spp.)	Low	Variable	Sapling
Jack Pine	2	Sapling/Pole	4					
Red Maple	10	Pole/Sapling	7					
White Pine	5	Log/Pole	10					
White Oak	15	Log	11					
Red Pine	5	Log/Pole	11					
Black/Red (Hybrid) Oak	30	Log	10	90				

Mixed stand of variable DBH from aspen saplings to X-log sized oak species. Some scattered legacy pine and oak trees. Stand appears to have been cut 47 years ago except the oak species. Small area of lowland conifer with heavy deer activity in northeast part of stand.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>78</b>	4123 - Red Oak	Sawtimber Well	40.1	90	111-140	N/A	Stand is of average oak quality and on rolling terrain. Younger aspen trees along west boundary line with stand 77. Scattered larger DBH trees.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	20	Log/Pole	12		White Pine	Medium	Variable	Sapling
Red Pine	2	Log/Pole	11		Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	10	Pole/Log	8		Oak (spp.)	Medium	Variable	Sapling
Red Maple	5	Pole	5					
Red Oak	51	Log	14	90				
Bigtooth Aspen	10	Log/Pole	10					
White Oak	2	Log/XLog	16					

<b>80</b>	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	10.3	110	81-110	N/A	Aspen and cedar dying out and blowing over.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	20	Log	11		Balsam Fir	High	5 - 10 feet	Sapling
Red Pine	10	Log	11		Quaking Aspen	Low	Variable	Sapling
White Spruce	5	Pole/Log	10		White Spruce	Low	Variable	Sapling
Northern White Cedar	35	Pole	8	110				
Quaking Aspen	30	Log	13					

<b>81</b>	720 - Exposed Rock	Nonstocked	4.4		Unspecified	No	Non-forested with exposed gravel pits and sandy areas.
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<b>82</b>	4199 - Other Mixed Upland Deciduous	Sapling Well	12.3	3	Immature	N/A	Stand was cut 10/2020. (52-130-16-01 Michigan State Road Aspen)
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Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	2	Log	12	
Black/Red (Hybrid) Oak	30	Sapling	1	3
White Oak	2	Log	12	
White Pine	2	Log/Pole	10	
Red Maple	2	Sapling	1	
White Oak	16	Sapling	1	
Red Pine	10	Log	16	
Bigtooth Aspen	28	Sapling	1	
Red Oak	8	Sapling	1	

<b>83</b>	4199 - Other Mixed Upland Deciduous	Sawtimber Well	11.6	95	81-110	N/A	Some larger DBH oaks. Some log-sized aspen. Lots of multi-stemmed Red Maple. Very little understory. BA = 90.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log/Pole	10		Beech	Low	>20 feet	Sapling
Red Maple	18	Sapling/Pole	3		Ironwood	Low	10 - 20 feet	Sapling
White Oak	10	Pole/Log	10					
Red Oak	40	Log/Pole	12	95				
Bigtooth Aspen	25	Pole/Sap/Log	6	47				
Balsam Fir	2	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**85** 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 24.1 70 81-110 N/A

Some larger DBH pines and oak trees were left uncut from last treatment. White Pine is straight but fairly branchy. Pockets of aspen. Heavily used deer trail along the south edge of Stand 86. Approximate BA is 100.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	25	Pole/Sapling	7	47
White Pine	30	Log/Pole	12	70
Red Pine	5	Log/Pole	14	
Red Maple	10	Pole/Sapling	7	
Red Oak	25	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling

**86** 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 14.0 110 81-110 N/A

Larger Quaking Aspen falling over and creating some slash.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	20	Log	16	
White Spruce	2	Log	12	
White Pine	30	Log	14	
Northern White Cedar	43	Pole/Log	8	110
Red Pine	5	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling

**87** 4131 - Aspen, Oak Poletimber Well 9.5 47 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Sapling	5	
White Pine	2	Log/Pole	10	
Red Oak	20	Log/Pole	11	
Bigtooth Aspen	68	Pole	8	47

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Sapling
Balsam Fir	Low	Variable	Sapling