



Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63028

Entry Year 2028

Acreage: 1,578

County: Osceola

Management Area: Cadillac Moraines

Stand Examiner: Todd Lewis

Legal Description:

T19N,R9W,Sec. 23, 24, 36

Identified Planning Goals:

Vegetation management in the Cadillac Moraines management area will provide timber products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period years will focus on balancing the age-class distributions for aspen and regenerating oak. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends within this 10-year planning period are the need to regenerate oak, the need to continue to balance aspen age classes, the need to diversify forest cover types and an increase in recreation pressure.

Soil and topography:

Mostly rolling topography with some steep spots. Soils are mostly Montcalm Sand and loams, Graycalm Sands, and some McBride Sands and Loams.

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

The state land is in continuous blocks with some private Parcels in the NE, NW and SE of Section 24. The state land in section 23 is boarded by private parcels. Most parcels directly adjacent to state land are recreationally used for hunting.

Unique Natural Features:

Sunrise Lake is in the NE quarter of section 24.

Common Loons have been noted nesting on Sunrise Lake. There is also potential for goshawk, red-shouldered hawk, Cooper's hawk, eastern box turtle, great blue heron rookery, eagle, osprey, ebony boghaunter and secretive locust.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Sunrise Lake is partially located within Compartment 28. Sunrise Lake is a popular fishing lake that supports populations of largemouth bass, northern pike, bluegill, pumpkinseed sunfish, and yellow perch. No treatments are scheduled near Sunrise Lake.

Wildlife Habitat Considerations:

This compartment is adjacent to the Evert GEMS. Featured wildlife species are deer, ruffed grouse and pileated woodpecker. Management emphasis will include appropriate buffers for all lowland types, oak regeneration, and balancing age classes of aspen types. Timber sale specifications to benefit these featured species (where applicable) will include protection of mast-bearing wildlife shrubs and ironwood, protection of standing dead snags, and creation of drumming logs (1-2 per acre) and woody debris (tops or whole trees) in aspen cuts. (Victory, 5/24/16)

Mineral Resource and Development Concerns and/or Restrictions

Osceola County Surface sediments consist of an end moraine of coarse-textured till. The glacial drift thickness varies between 800 and 1,000 feet. Beneath the glacial drift are the Pennsylvanian Grand River and Saginaw Formations. The Saginaw is quarried for clay/shale in other parts of the State. The nearest gravel pit is three miles to the northeast and potential is good. The compartment is located four miles east of Rose Lake Field. The field has produced nearly 2 million BO from the Devonian Traverse Limestone and gas from the Prairie du Chien. Part of Section 36 is currently leased for oil and gas development and additional leases are located to the west.

Vehicle Access:

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR. Also indicated are forest roads and trails under the jurisdiction of the DNR that are proposed for abandonment. These roads were determined to be in excess of the access needs in the area, are a threat to the resources, or are a concern environmentally.

Survey Needs:**Recreational Facilities and Opportunities:**

The Sunrise Lake State Forest Campground, and Evert motorcycle trail are located within this compartment. Timber management treatments should take into consideration impacts to campers such as treating area during off-season, as well as aesthetic concerns associated with a campground. In the north end of the compartment there is a waterfront day use park. This park has a dog run area, a beach, boat landing, volleyball courts and a picnic area. Trail protection specifications should be considered if treatments impact the designated single track motorcycle trail. (T.N. 1/29/16)

Fire Protection:

Fire Protection is supplied by the DNR out of Evert Field Office. Access would be fairly good for suppression equipment. Remote camping during summer and hunting season adds to the chance of an ignition of a wildfire.

Additional Compartment Information:

The following reports from the Inventory are attached:

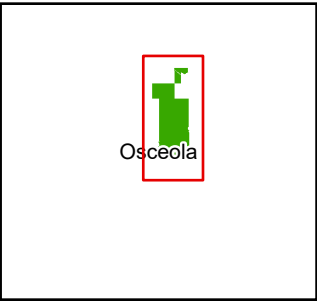
- Total Acres by Cover Type and Age Class
- Cover Type by Harvest Method
- Proposed Treatments – No Limiting Factors
- Proposed Treatments – With Limiting Factors
- Stand Details (Forested and Nonforested)
- Dedicated and Proposed Special Conservation Areas
- Site Condition Details

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

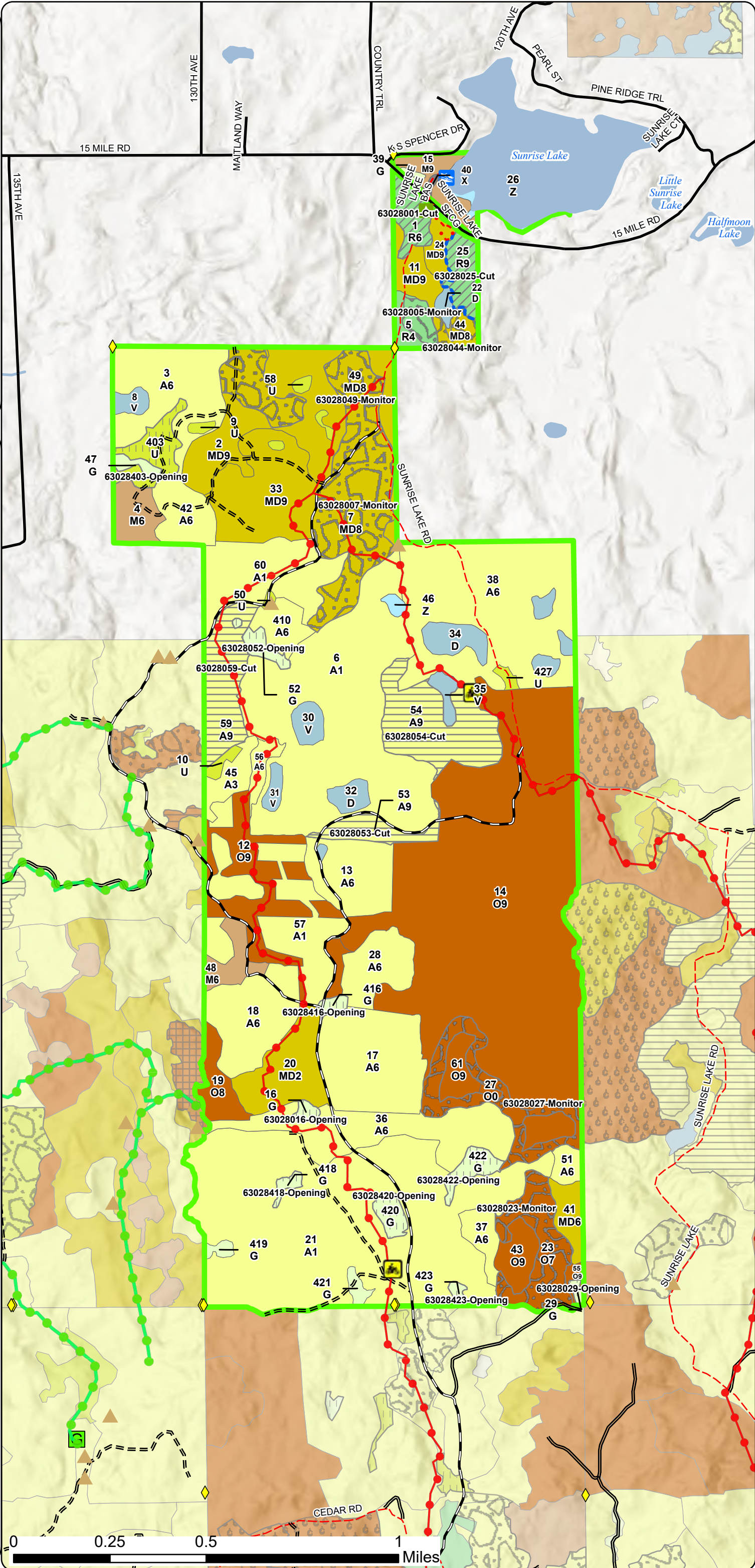
- Base feature information, stand boundaries, cover types, and numbers
- Proposed treatments
- Site condition boundaries
- Details on the road access system

Cover Type & Treatments Map

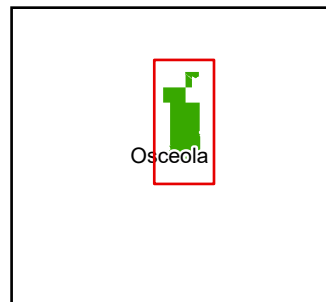
Compartment: 63028
T19N, R09W, Sec. 24, 25, 36
County: Osceola
Unit: Cadillac
Mgmt. Area: Cadillac Moraines
YOE: 2028
Acres: 1,577.86 GIS Calculated
Examiner: Todd Lewis
Date Exported: 07/17/2026
Map Phase: Web Post



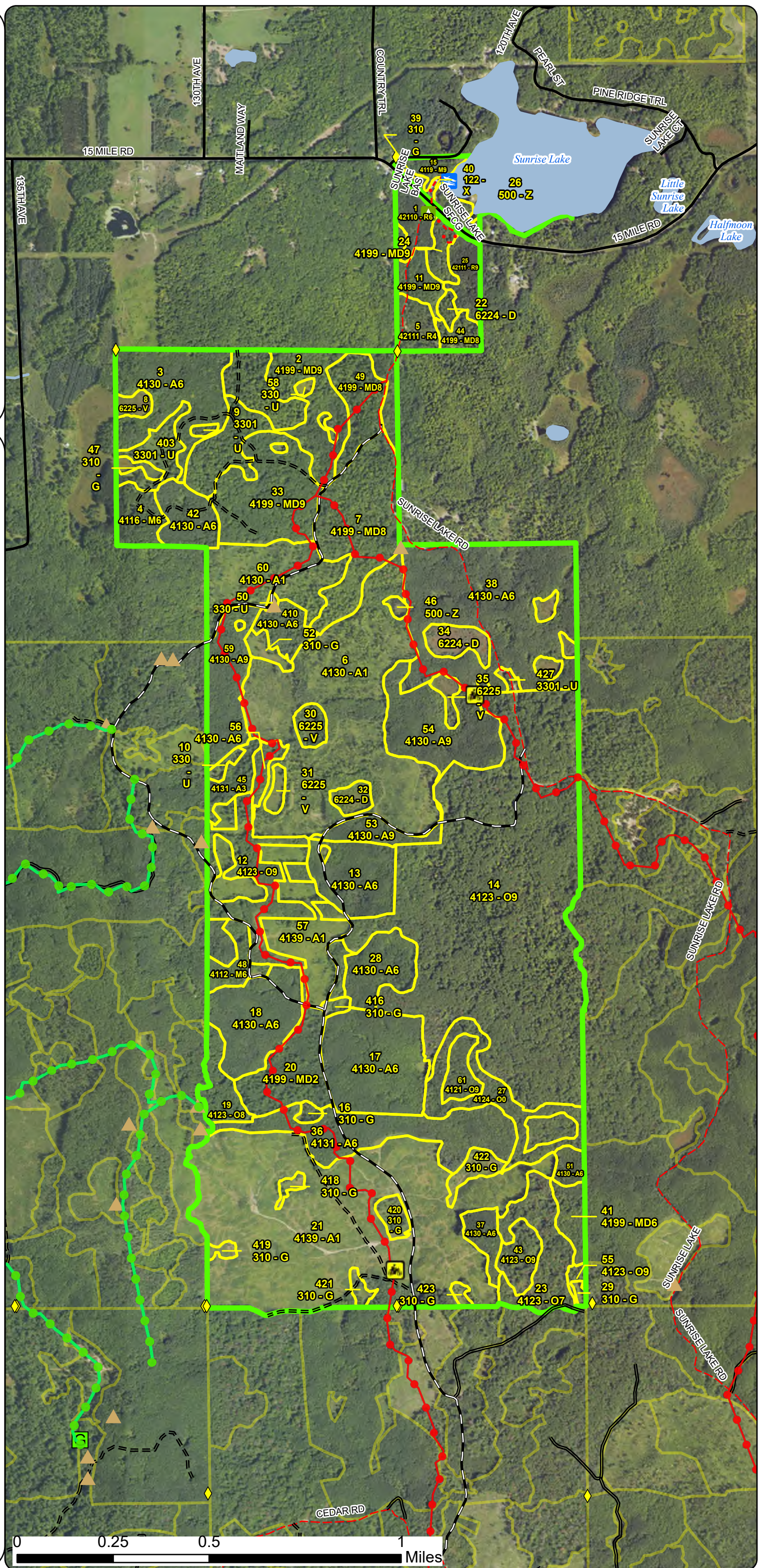
- Survey Grade Corners
- Boating Access Site
- State Forest Campground
- Berm
- Gate
- Designated Hunter Walking Trails
- Designated Motorcycle Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Streams
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Thinning
- Openings Mgmt.
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 500 - Water
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub



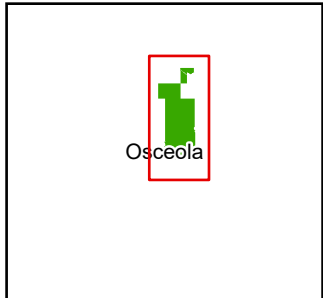
Compartment: 63028
T19N, R09W, Sec. 24, 25, 36
County: Osceola
Unit: Cadillac
Mgmt. Area: Cadillac Moraines
YOE: 2028
Acres: 1,577.86 GIS Calculated
Examiner: Todd Lewis
Date Exported: 07/17/2026
Map Phase: Web Post



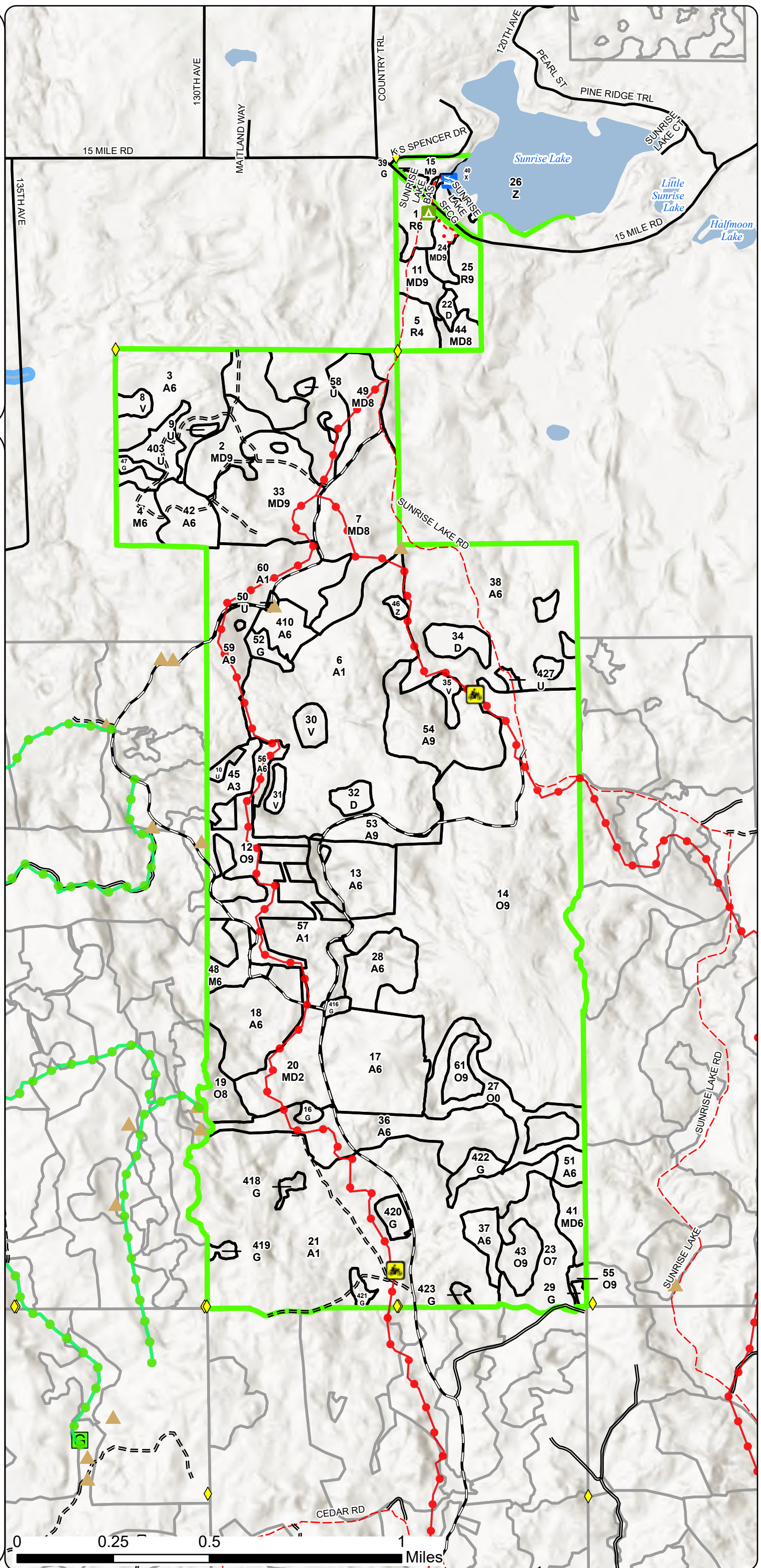
-  Survey Grade Corners
-  Boating Access Site
-  State Forest Campground
-  Berm
-  Gate
-  Designated Hunter Walking Trails
-  Designated Motorcycle Trails
-  DNR - Primary Forest Road
-  DNR - Secondary Forest Road
-  DNR - Forest Access Route
-  Federal / State / County - Paved Road
-  County - Gravel Road
-  County - Dirt Road (Seasonal)
-  Streams
-  Lakes and Rivers
-  Compartment Boundary
-  Stand Outline
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 500 - Water
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub



Compartment: 63028
T19N, R09W, Sec. 24, 25, 36
County: Osceola
Unit: Cadillac
Mgmt. Area: Cadillac Moraines
YOE: 2028
Acres: 1,577.86 GIS Calculated
Examiner: Todd Lewis
Date Exported: 07/17/2026
Map Phase: Web Post



-  Survey Grade Corners
-  Boating Access Site
-  State Forest Campground
-  Berm
-  Gate
-  Designated Hunter Walking Trails
-  Designated Motorcycle Trails
-  DNR - Primary Forest Road
-  DNR - Secondary Forest Road
-  DNR - Forest Access Route
-  Federal / State / County - Paved Road
-  County - Gravel Road
-  County - Dirt Road (Seasonal)
-  Streams
-  Lakes and Rivers
-  Compartment Boundary
-  Stand Boundaries
-  Cold Water Streams
-  High Priority Trout Stream Buffer



Report 1 – Total Acres by Cover Type and Age Class

Todd Lewis: Examiner



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	391	0	35	248	0	129	0	0	0	0	0	0	0	0	0	0	0	803
Bog	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Herbaceous Openland	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Low-Density Trees	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Mixed Upland Deciduous	0	0	25	0	0	0	8	0	0	0	45	21	0	0	0	0	0	122	221
Northern Hardwood	0	0	0	0	20	0	0	0	0	0	0	10	0	0	0	0	0	0	30
Oak	25	0	0	0	0	0	0	0	0	0	255	24	73	0	0	0	0	0	377
Red Pine	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	28
Treed Bog	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Urban	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Water	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Total	144	391	25	35	268	0	137	28	0	0	300	55	73	0	0	0	0	122	1578



Report 2 – Treatment Summary

Cadillac Mgt. Unit
Year of Entry: 2028

Acres of Harvest

Compartment 28
Total Compartment Acres: 1,578

Commercial Harvest - 161
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	70	0	0	0	0	0	0	0	0	70
Red Pine	0	0	0	0	19	0	0	0	0	19
Total	70	0	0	0	19	0	0	0	0	89

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	89	0	0	0	0	0	135	0	0	257
Next Step	0	0	0	9	0	0	70	0	0	178
Total	89	0	0	9	0	0	204	0	0	435



S t 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
-----------------------	-------------------	-------	--------------------	-----------------	--------------	-------------	-------------------	---------------------	-------------------------	------------------	----------------

Proposed Treatments:

1	63028001-Cut	9.3	42110 - Planted Red Pine	6	67	141- 170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
----------	---------------------	-----	-----------------------------	---	----	-------------	---------	----------	----------------------------	--------------------	----

Prescription Thin red pine BA down to 100 ft2 (approximately 1/3 red pine BA) focusing on suppressed and poor formed trees. Thin around oak when present. Avoid cutting any other species to promote diversity.

Specs:

Next Step

Treatments:

Acceptable pine, oak, maple, cherry

Regen:

Other Winter only spec to avoid conflict/ traffic from adjacent campground. Close off illegal ORV trail during timber sale.

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

5	63028005-Monitor	4.8	42111 - Planted Red Pine, Mixed Deciduous	4	67	1-50	Monitoring	Monitoring - Regeneration	4199 - Other Mixed Upland Deciduous	Planting Record	No
----------	-------------------------	-----	---	---	----	------	------------	------------------------------	---	--------------------	----

Prescription Monitor due to brpwse

Specs:

Next Step

Treatments:

Acceptable Bigtooth aspen, sugar maple, beech, red oak, red pine

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2030

7	63028007-Monitor	43.4	4199 - Other Mixed Upland Deciduous	8	97	81-110	Monitoring	Monitoring - Regeneration	4199 - Other Mixed Upland Deciduous	Cutting Record	No
----------	-------------------------	------	--	---	----	--------	------------	------------------------------	---	-------------------	----

Prescription Monitor

Specs:

Next Step

Treatments:

Acceptable Red/white oak, red maple, sugar maple, aspen, hickory sp, beech, black cherry, basswood

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2030



Standard

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

16	63028016-Opening	1.7	310 - Herbaceous Openland	99			Openings Mgmt. Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
----	------------------	-----	---------------------------	----	--	--	-------------------------------	---------------------------	--------------------	----

Prescription Cut some trees and brush to keep open.

Specs:

Next Step Openings Mgmt., Mowing; Openings Mgmt., Interseeding; Openings Mgmt., Disking/Plowing; Openings Mgmt., Herbicide
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

23	63028023-Monitor	24.7	4123 - Red Oak	7	114	51-80	Monitoring Monitoring - Regeneration	412 - Oak Types	Planting Record	No
----	------------------	------	----------------	---	-----	-------	--------------------------------------	-----------------	-----------------	----

Prescription Monitor

Specs:

Next Step
Treatments:

Acceptable oak
Regen:

Other Percent to Treat = 100%
Comment:

Site Condition:

Proposed Start Date: 10/01/2030

25	63028025-Cut	9.7	42111 - Planted Red Pine, Mixed Deciduous	9	67	141-170	Harvest Thinning	4211 - Planted Red Pine	Planting Record	No
----	--------------	-----	---	---	----	---------	------------------	-------------------------	-----------------	----

Prescription Thin red pine BA down to 100 ft2 (approximately 1/3 red pine BA) focusing on suppressed and poor formed trees. Thin around oak when present. Avoid cutting any other species to promote diversity.

Specs:

Next Step
Treatments:

Acceptable pine, oak, maple, cherry
Regen:

Other Winter only spec to avoid conflict/ traffic from adjacent campground.
Comment:

Site Condition:

Proposed Start Date: 10/01/2027



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

27 63028027-Monitor 24.3 4124 - Red with White Oak 0 3 Immature Monitoring Monitoring - Regeneration 412 - Oak Types Planting Record No

Prescription Monitor

Specs:

Next Step

Treatments:

Acceptable red/white oak, aspen, red maple, beech

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2030

29 63028029-Opening 1.0 310 - Herbaceous Openland 99 Openings Mgmt. Openings Mgmt. 310 - Herbaceous Openland Previous Inventory No

Prescription Keep Open

Specs:

Next Step Openings Mgmt., Herbicide; Seeding, Machine Seed; Seeding, Machine Seed; Openings Mgmt., Mowing; Openings Mgmt.,
Treatments: Interseeding; Openings Mgmt., Disking/Plowing; Seeding, Machine Seed; Openings Mgmt., Mowing; Openings Mgmt., Disking/Plowing

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2027

44 63028044-Monitor 5.4 4199 - Other Mixed Upland Deciduous 8 100 1-50 Monitoring Monitoring - Regeneration 4199 - Other Mixed Upland Deciduous Cutting Record No

Prescription Monitor

Specs:

Next Step

Treatments:

Acceptable Sugar maple, beech, ash, aspen, basswood and oak.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2030



Standard

	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
49	63028049-Monitor	32.1	4199 - Other Mixed Upland Deciduous	8	96	81-110	Monitoring	Monitoring - Regeneration	411 - Northern Hardwood	Cutting Record	No
<u>Prescription</u> Monitor <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Sugar maple, red oak, white ash, hickory sp., basswood, bigtooth aspen, red maple <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2030											
52	63028052-Opening	4.1	310 - Herbaceous Openland	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Cut a few trees to keep stand open. <u>Specs:</u> <u>Next Step</u> Openings Mgmt., Herbicide; Seeding, Machine Seed; Openings Mgmt., Mowing; Openings Mgmt., Interseeding; Openings Mgmt., <u>Treatments:</u> Herbicide; Openings Mgmt., Mowing <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
53	63028053-Cut	9.5	4130 - Aspen	9	55	141-170	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Clearcut all species except conifer and paper birch. 3-10% retention over multiple scattered retention islands. Focus oak on the edge of <u>Specs:</u> retention islands when possible. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, pine, oak, maple, cherry <u>Regen:</u> <u>Other</u> Grouse spec.Oak wilt with exceptions spec. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
54	63028054-Cut	35.5	4130 - Aspen	9	55	141-170	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Clearcut all species except conifer and paper birch. 3-10% retention over multiple scattered retention islands. Focus oak on the edge of <u>Specs:</u> retention islands when possible. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> aspen, pine, oak, maple, cherry <u>Regen:</u> <u>Other</u> Grouse spec.Oak wilt with exceptions spec.Single track spec. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											



Standard

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

59	63028059-Cut	24.6	4130 - Aspen	9	55	141-170	Harvest	Clearcut	413 - Aspen	Planting Record	No
----	--------------	------	--------------	---	----	---------	---------	----------	-------------	-----------------	----

Prescription Clearcut all species except conifer and paper birch. 3-10% retention over multiple scattered retention islands. Focus oak on the edge of retention islands when possible.

Next Step Monitoring, Natural Regen (Re-Inventory)

Acceptable aspen, pine, oak, maple, cherry

Other Grouse spec.Oak wilt with exceptions spec.Single track spec.

Site Condition:

Proposed Start Date: 10/01/2027

403	63028403-Opening	11.7	3301 - Low Density Deciduous Trees	99			Openings Mgmt.	Openings Mgmt.	330 - Low-Density Trees	Previous Inventory	No
-----	------------------	------	------------------------------------	----	--	--	----------------	----------------	-------------------------	--------------------	----

Prescription Girdle or cut some of the trees to maintain a low density tree condition into the future.

Next Step

Acceptable

Other

Site Condition:

Proposed Start Date: 10/01/2027

416	63028416-Opening	1.8	310 - Herbaceous Openland	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
-----	------------------	-----	---------------------------	----	--	--	----------------	----------------	---------------------------	--------------------	----

Prescription Cut some trees to keep open

Next Step Seeding, Machine Seed; Openings Mgmt., Mowing; Openings Mgmt., Herbicide; Openings Mgmt., Mowing; Openings Mgmt., Disking/Plowing; Openings Mgmt., Herbicide; Openings Mgmt., Mowing; Openings Mgmt., Disking/Plowing

Acceptable

Other

Site Condition:

Proposed Start Date: 10/01/2027



Standard

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

418	63028418-Opening	1.8	310 - Herbaceous Openland	99		Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
-----	------------------	-----	---------------------------	----	--	----------------	----------------	---------------------------	--------------------	----

Prescription Keep openSpecs:Next StepTreatments:AcceptableRegen:OtherComment:Site Condition:Proposed Start Date: 10/01/2027

420	63028420-Opening	4.4	310 - Herbaceous Openland	99		Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
-----	------------------	-----	---------------------------	----	--	----------------	----------------	---------------------------	--------------------	----

Prescription Cut some of the trees and brush to keep open.Specs:Next Step Openings Mgmt., Herbicide; Openings Mgmt., Mowing; Openings Mgmt., Interseeding; Openings Mgmt., Herbicide; Openings Mgmt.,
Treatments: MowingAcceptableRegen:OtherComment:Site Condition:Proposed Start Date: 10/01/2027

422	63028422-Opening	5.7	310 - Herbaceous Openland	99		Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
-----	------------------	-----	---------------------------	----	--	----------------	----------------	---------------------------	--------------------	----

Prescription Cut trees and brush to keep open.Specs:Next Step Openings Mgmt., Herbicide; Openings Mgmt., Mowing; Openings Mgmt., Interseeding; Openings Mgmt., Disking/Plowing; Openings
Treatments: Mgmt., HerbicideAcceptableRegen:OtherComment:Site Condition:Proposed Start Date: 10/01/2027



Standard

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

423	63028423-Opening	1.4	310 - Herbaceous Openland	99			Openings Mgmt. Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
-----	------------------	-----	---------------------------	----	--	--	-------------------------------	---------------------------	--------------------	----

Prescription Keep Open. Cut trees and brush
Specs:
Next Step Openings Mgmt., Idle/Fallow; Openings Mgmt., Other - Specify
Treatments:
Acceptable
Regen:
Other
Comment:
Site Condition:
Proposed Start Date: 10/01/2027

Total Treatment 256.9
 Acreage Proposed:



Availability for Management

Total Acres	Acres Available	Acres With Condition	Acres Not Available
-------------	-----------------	----------------------	---------------------

Dominant Site Conditions

5B	5C	3D	5E
----	----	----	----

518	484	0	35	Aspen				35
15	15	0	0	Bog				
29	29	0	0	Herbaceous Openland				
20	20	0	0	Low-Density Trees				
221	199	9	13	Mixed Upland Deciduous		9	6	7
27	20	0	7	Northern Hardwood			7	
377	362	11	4	Oak	11			4
28	28	0	0	Red Pine				
20	20	0	0	Treed Bog				
1	0	0	1	Urban			1	
34	34	0	0	Water				
1,290	1,210	20	60	Total Forested Acres	11	9	14	46
	94%	2%	5%	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	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable		3D: Recreational/scenic values	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								
2	Available		2I: Survey needed	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions

Cadillac Mgt. Unit
Todd Lewis: Examiner

Compartment: 28
Year of Entry: 2028



4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3D: Recreational/scenic values	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is where the Sunrise Lake Campground is located							
6	Available	5B: Maintain for regeneration purposes	11	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	0	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



11	Unavailable	5E: Long-Term Retention	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	5E: Long-Term Retention	7	Unspecified	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	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																	
1	42110 - Planted Red Pine	Poletimber Well	9.3	67	141-170	N/A	OPIC - FMD: 2014 Comment: Stand treated timber sale #63-029-08-01, "Sunrise Red Pine". Stand should be thinned, mark cut tree. The Sunrise Lake Campground is within this stand. The Key Value Designation of this compartment is TIMBER INTENSIVE. When the stand is harvested safety and time of harvest should be factors when determining the boundary of the sale area.Occasional wolfy beech, big tooth, and sugar maple throughout																																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>85</td><td>Pole/Log</td><td>9</td><td>67</td></tr><tr><td>Black Cherry</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Pole/Sapling</td><td>7</td><td></td></tr><tr><td>Paper Birch</td><td>3</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>Red Oak</td><td>2</td><td>Pole</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	85	Pole/Log	9	67	Black Cherry	5	Log/Pole	10		Red Maple	5	Pole/Sapling	7		Paper Birch	3	Pole/Sapling	6		Red Oak	2	Pole	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Oak (spp.)</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Beech	Medium	5 - 10 feet	5 - 10 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Black Cherry	Low	5 - 10 feet	5 - 10 feet	Oak (spp.)	Low	5 - 10 feet	5 - 10 feet																																
Canopy Species	% Cover	Size Class	DBH	Age																																																																																				
Red Pine	85	Pole/Log	9	67																																																																																				
Black Cherry	5	Log/Pole	10																																																																																					
Red Maple	5	Pole/Sapling	7																																																																																					
Paper Birch	3	Pole/Sapling	6																																																																																					
Red Oak	2	Pole	8																																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																																					
Beech	Medium	5 - 10 feet	5 - 10 feet																																																																																					
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																																																					
Black Cherry	Low	5 - 10 feet	5 - 10 feet																																																																																					
Oak (spp.)	Low	5 - 10 feet	5 - 10 feet																																																																																					
2	4199 - Other Mixed Upland Deciduous	Sawtimber Well	50.3	96	111-140	N/A	OPIC - FMD: INITIAL THIN NORTHERN HARDWOOD STAND; STAND TREATED BY WEYERHAEUSER IN 2000-2002. SALE # 215/98/01 (Sunrise Lake Hardwoods) STORM DAMAGE CAUSED A SALVAGE OPERATION TO PARTS OF THE STAND. There is very little regeneration in this stand which is taller than waist height. The stand was treated last entry but the canopy appears to be uniform in cover. The stand will hold for now. This stand could be treated next entry and that treatment might be to create some openings in the canopy to promote some regeneration. When this stand is treated, Std. 7 should be considered for treatment also.Comment 2026: a lot of ash regen throughout. Pretty open in many areas. A few wet drainages within the stand area.																																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>20</td><td>XLog/Log</td><td>22</td><td>96</td></tr><tr><td>Beech</td><td>15</td><td>Log/Pole/XLog</td><td>10</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td>Log/XLog</td><td>15</td><td></td></tr><tr><td>Basswood</td><td>5</td><td>Log</td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Log/Pole/Sap</td><td>10</td><td></td></tr><tr><td>Sugar Maple</td><td>25</td><td>Log/Pole/XLog</td><td>16</td><td>96</td></tr><tr><td>Paper Birch</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Bitternut Hickory</td><td>5</td><td>Log/Pole/Sap</td><td>14</td><td></td></tr><tr><td>Pignut Hickory</td><td>5</td><td>Log/Pole/Sap</td><td>14</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Oak	20	XLog/Log	22	96	Beech	15	Log/Pole/XLog	10		Bigtooth Aspen	5	Log/XLog	15		Basswood	5	Log	12		Red Maple	10	Log/Pole/Sap	10		Sugar Maple	25	Log/Pole/XLog	16	96	Paper Birch	10	Log/Pole	10		Bitternut Hickory	5	Log/Pole/Sap	14		Pignut Hickory	5	Log/Pole/Sap	14		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Ironwood</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Beech</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Sugar Maple</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>White Ash</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Hickory spp.</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Low	>20 feet	>20 feet	Beech	Low	>20 feet	>20 feet	Sugar Maple	Low	>20 feet	>20 feet	White Ash	Low	5 - 10 feet	5 - 10 feet	Witch Hazel	Low	5 - 10 feet	5 - 10 feet	Hickory spp.	Low	10 - 20 feet	10 - 20 feet	Red Oak	Low	< 5 feet	< 5 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																																				
Red Oak	20	XLog/Log	22	96																																																																																				
Beech	15	Log/Pole/XLog	10																																																																																					
Bigtooth Aspen	5	Log/XLog	15																																																																																					
Basswood	5	Log	12																																																																																					
Red Maple	10	Log/Pole/Sap	10																																																																																					
Sugar Maple	25	Log/Pole/XLog	16	96																																																																																				
Paper Birch	10	Log/Pole	10																																																																																					
Bitternut Hickory	5	Log/Pole/Sap	14																																																																																					
Pignut Hickory	5	Log/Pole/Sap	14																																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																																					
Ironwood	Low	>20 feet	>20 feet																																																																																					
Beech	Low	>20 feet	>20 feet																																																																																					
Sugar Maple	Low	>20 feet	>20 feet																																																																																					
White Ash	Low	5 - 10 feet	5 - 10 feet																																																																																					
Witch Hazel	Low	5 - 10 feet	5 - 10 feet																																																																																					
Hickory spp.	Low	10 - 20 feet	10 - 20 feet																																																																																					
Red Oak	Low	< 5 feet	< 5 feet																																																																																					
3	4130 - Aspen	Poletimber Well	38.5	35	Unspecified	N/A	Stand was treated in 1991 with sale #63-009-90-01 "Sunrise Lake 23 #2". Specs were to cut all aspen, oak, and mixed hardwood trees containing any commercial value.																																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>80</td><td>Pole/Sapling</td><td>7</td><td>35</td></tr><tr><td>Red Oak</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole/Sapling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	80	Pole/Sapling	7	35	Red Oak	5	Pole	8		Red Maple	5	Pole/Sapling	6		White Pine	5	Log/Pole	10		Paper Birch	5	Pole/Sapling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Ironwood</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Beech	Low	5 - 10 feet	5 - 10 feet	Black Cherry	Low	5 - 10 feet	5 - 10 feet	White Pine	Trace	5 - 10 feet	5 - 10 feet	Red Oak	Low	10 - 20 feet	10 - 20 feet	Ironwood	Low	10 - 20 feet	10 - 20 feet																												
Canopy Species	% Cover	Size Class	DBH	Age																																																																																				
Bigtooth Aspen	80	Pole/Sapling	7	35																																																																																				
Red Oak	5	Pole	8																																																																																					
Red Maple	5	Pole/Sapling	6																																																																																					
White Pine	5	Log/Pole	10																																																																																					
Paper Birch	5	Pole/Sapling	5																																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																																					
Beech	Low	5 - 10 feet	5 - 10 feet																																																																																					
Black Cherry	Low	5 - 10 feet	5 - 10 feet																																																																																					
White Pine	Trace	5 - 10 feet	5 - 10 feet																																																																																					
Red Oak	Low	10 - 20 feet	10 - 20 feet																																																																																					
Ironwood	Low	10 - 20 feet	10 - 20 feet																																																																																					
4	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	11.1	35	51-80	N/A	OPIC - FMD: OI Stand Year Origin was 1991A lot of stump sprout maple and cherry. A decent pocket of aspen in the north western portion of the stand.																																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>45</td><td>Pole/Sapling</td><td>6</td><td>35</td></tr><tr><td>Bigtooth Aspen</td><td>20</td><td>Pole/Sapling</td><td>7</td><td>35</td></tr><tr><td>Black Cherry</td><td>5</td><td>Pole/Log/Sap</td><td>8</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>Sugar Maple</td><td>10</td><td>Log/Pole/Sap</td><td>10</td><td></td></tr><tr><td>Red Oak</td><td>10</td><td>Log/Pole</td><td>12</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	45	Pole/Sapling	6	35	Bigtooth Aspen	20	Pole/Sapling	7	35	Black Cherry	5	Pole/Log/Sap	8		Paper Birch	10	Pole/Sapling	6		Sugar Maple	10	Log/Pole/Sap	10		Red Oak	10	Log/Pole	12		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Beech</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Ironwood</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Oak</td><td>Trace</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Witch Hazel</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	10 - 20 feet	10 - 20 feet	Beech	Trace	5 - 10 feet	5 - 10 feet	Ironwood	Low	10 - 20 feet	10 - 20 feet	White Oak	Trace	10 - 20 feet	10 - 20 feet	Witch Hazel	Medium	5 - 10 feet	5 - 10 feet																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																																				
Red Maple	45	Pole/Sapling	6	35																																																																																				
Bigtooth Aspen	20	Pole/Sapling	7	35																																																																																				
Black Cherry	5	Pole/Log/Sap	8																																																																																					
Paper Birch	10	Pole/Sapling	6																																																																																					
Sugar Maple	10	Log/Pole/Sap	10																																																																																					
Red Oak	10	Log/Pole	12																																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																																					
Red Maple	High	10 - 20 feet	10 - 20 feet																																																																																					
Beech	Trace	5 - 10 feet	5 - 10 feet																																																																																					
Ironwood	Low	10 - 20 feet	10 - 20 feet																																																																																					
White Oak	Trace	10 - 20 feet	10 - 20 feet																																																																																					
Witch Hazel	Medium	5 - 10 feet	5 - 10 feet																																																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
5	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Poor	8.7	67	1-50	N/A	Stand was treated summer 2019, timber sale # "63-040-18", "Sunrise Hardwoods".Comment 2026: A lot of the residual red pine has snapped off. Some over the overstory oak is dying off. Stand is looking alright but is heavily regenerating to cherry. Oak regen is experiencing heavy heavy browse. Left monitoring treatment on to make sure that there is adequate regeneration other than cherry by the next inventory cycle.																																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>70</td><td>Pole/Log</td><td>9</td><td>67</td></tr><tr><td>Sugar Maple</td><td>5</td><td>Log/Pole/XLog</td><td>12</td><td></td></tr><tr><td>Beech</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Basswood</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Pole</td><td>7</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	70	Pole/Log	9	67	Sugar Maple	5	Log/Pole/XLog	12		Beech	5	Log/Pole	12		Red Oak	5	Log/Pole	10		Basswood	5	Log/Pole	12		Black Cherry	5	Pole	7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Beech</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Bigtooth Aspen</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Cherry</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Sugar Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Low	< 5 feet	< 5 feet	Beech	Trace	5 - 10 feet	5 - 10 feet	Bigtooth Aspen	High	5 - 10 feet	5 - 10 feet	Black Cherry	High	5 - 10 feet	5 - 10 feet	Red Maple	Medium	5 - 10 feet	5 - 10 feet	Sugar Maple	Medium	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Red Pine	70	Pole/Log	9	67																																																															
Sugar Maple	5	Log/Pole/XLog	12																																																																
Beech	5	Log/Pole	12																																																																
Red Oak	5	Log/Pole	10																																																																
Basswood	5	Log/Pole	12																																																																
Black Cherry	5	Pole	7																																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Red Oak	Low	< 5 feet	< 5 feet																																																																
Beech	Trace	5 - 10 feet	5 - 10 feet																																																																
Bigtooth Aspen	High	5 - 10 feet	5 - 10 feet																																																																
Black Cherry	High	5 - 10 feet	5 - 10 feet																																																																
Red Maple	Medium	5 - 10 feet	5 - 10 feet																																																																
Sugar Maple	Medium	5 - 10 feet	5 - 10 feet																																																																
6	4130 - Aspen	Sapling Poor	125.1	5	Unspecified	N/A	Stand treated as part of timbersale Mission Morel sale # 63-039-18-01.Comment 2026: Stand is regenerating well.																																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>85</td><td>Sapling</td><td>1</td><td>5</td></tr><tr><td>White Oak</td><td>3</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Oak</td><td>2</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	85	Sapling	1	5	White Oak	3	Sapling	1		Red Oak	2	Sapling	1		Red Maple	10	Sapling	1		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Oak</td><td>Trace</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>Trace</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Cherry</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Trace	< 5 feet	< 5 feet	Bigtooth Aspen	Full	5 - 10 feet	5 - 10 feet	Beech	Trace	< 5 feet	< 5 feet	White Oak	Low	< 5 feet	< 5 feet	Red Maple	Medium	5 - 10 feet	5 - 10 feet	Black Cherry	Medium	5 - 10 feet	5 - 10 feet										
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Bigtooth Aspen	85	Sapling	1	5																																																															
White Oak	3	Sapling	1																																																																
Red Oak	2	Sapling	1																																																																
Red Maple	10	Sapling	1																																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Red Oak	Trace	< 5 feet	< 5 feet																																																																
Bigtooth Aspen	Full	5 - 10 feet	5 - 10 feet																																																																
Beech	Trace	< 5 feet	< 5 feet																																																																
White Oak	Low	< 5 feet	< 5 feet																																																																
Red Maple	Medium	5 - 10 feet	5 - 10 feet																																																																
Black Cherry	Medium	5 - 10 feet	5 - 10 feet																																																																
7	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	45.4	97	81-110	N/A	Stand was treated summer 2019, timber sale # "63-040-18", "Sunrise Hardwoods".Comment 2026: Stand looks similar to a park. Little regen after previous harvest. Left monitoring treatment on to make sure that there is adequate regen by the next inventory cycle so we don't have to take action.																																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>45</td><td>Log/XLog</td><td>16</td><td>97</td></tr><tr><td>Paper Birch</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Sugar Maple</td><td>30</td><td>Log/Pole/XLog</td><td>12</td><td></td></tr><tr><td>Pignut Hickory</td><td>10</td><td>XLog/Log</td><td>18</td><td></td></tr><tr><td>Bitternut Hickory</td><td>5</td><td>XLog/Log</td><td>18</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Oak	45	Log/XLog	16	97	Paper Birch	5	Log/Pole	10		Red Maple	5	Log/Pole	10		Sugar Maple	30	Log/Pole/XLog	12		Pignut Hickory	10	XLog/Log	18		Bitternut Hickory	5	XLog/Log	18		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Ironwood</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Sugar Maple</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Low	10 - 20 feet	10 - 20 feet	Red Maple	Low	>20 feet	>20 feet	Ironwood	Low	>20 feet	>20 feet	Witch Hazel	Low	5 - 10 feet	5 - 10 feet	Sugar Maple	Low	>20 feet	>20 feet				
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Red Oak	45	Log/XLog	16	97																																																															
Paper Birch	5	Log/Pole	10																																																																
Red Maple	5	Log/Pole	10																																																																
Sugar Maple	30	Log/Pole/XLog	12																																																																
Pignut Hickory	10	XLog/Log	18																																																																
Bitternut Hickory	5	XLog/Log	18																																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Beech	Low	10 - 20 feet	10 - 20 feet																																																																
Red Maple	Low	>20 feet	>20 feet																																																																
Ironwood	Low	>20 feet	>20 feet																																																																
Witch Hazel	Low	5 - 10 feet	5 - 10 feet																																																																
Sugar Maple	Low	>20 feet	>20 feet																																																																
8	6225 - Bog	None	3.4			No	OPIC - FMD: OI Stand Year Origin was																																																												
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Leatherleaf</td><td>Full</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	Leatherleaf	Full	< 5 feet	< 5 feet																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Leatherleaf	Full	< 5 feet	< 5 feet																																																																
9	3301 - Low Density Deciduous Trees	None	1.1			No	OPIC - FMD: OI Stand Year Origin was																																																												
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Cherry</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Paper Birch</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	Black Cherry	Low	>20 feet	>20 feet	Bigtooth Aspen	Low	>20 feet	>20 feet	Paper Birch	Trace	>20 feet	>20 feet																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Black Cherry	Low	>20 feet	>20 feet																																																																
Bigtooth Aspen	Low	>20 feet	>20 feet																																																																
Paper Birch	Trace	>20 feet	>20 feet																																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
10	330 - Low-Density Trees	None	2.1			No	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																													
14	4123 - Red Oak	Sawtimber Well	255.1	98	81-110	N/A	OPIC - FMD: GOOD QUALITY RED OAK THIN BY REMOVING ASPEN,RED MAPLE & POLE OAK; stand treated 2001 sale # 2049801 ("Seismic Oak") Fire Specialist will assess need for burn. The stand is closer to the 110 BA. Lots of aspen, maple, oak regen in this stand. It would be advisably to add a site condition to allow regen and canopy to mature more before thinning to a BA of 30-40.Comment 2026: Regeneration in the stand is almost pure maple and beech. Very little oak throughout. There is also approximately 10% death throughout the overstory oak and some evidence of blowdown. Adjacent stand to the NE (Stand 7 Comp. 27) looks to be a seed tree/ shelterwood harvest and other than underneath the oak, the stands regen is primarily maple. Plan on working with the Unit Manager to see what kind of harvest we can do along with follow up treatments, such as, timber stand improvement cuts to promote oak and reduce the amount of maple throughout. A burn should also be put on this stand after it is harvested but maintain some sort of mechanical intervention to ensure that maple regen is reduced to promote oak.																																																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>80</td><td>Log</td><td>14</td><td>98</td></tr><tr><td>Beech</td><td>5</td><td>Pole</td><td>9</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Pole</td><td>9</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Oak	80	Log	14	98	Beech	5	Pole	9		Red Maple	10	Pole	9		White Oak	5	Log/Pole	12		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Witch Hazel</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Maple</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Medium	5 - 10 feet	5 - 10 feet	Beech	High	10 - 20 feet	10 - 20 feet	Red Oak	Low	< 5 feet	< 5 feet	Red Maple	High	10 - 20 feet	10 - 20 feet	Bigtooth Aspen	Low	10 - 20 feet	10 - 20 feet																													
Canopy Species	% Cover	Size Class	DBH	Age																																																																																
Red Oak	80	Log	14	98																																																																																
Beech	5	Pole	9																																																																																	
Red Maple	10	Pole	9																																																																																	
White Oak	5	Log/Pole	12																																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Witch Hazel	Medium	5 - 10 feet	5 - 10 feet																																																																																	
Beech	High	10 - 20 feet	10 - 20 feet																																																																																	
Red Oak	Low	< 5 feet	< 5 feet																																																																																	
Red Maple	High	10 - 20 feet	10 - 20 feet																																																																																	
Bigtooth Aspen	Low	10 - 20 feet	10 - 20 feet																																																																																	
15	4119 - Mixed Northern Hardwoods	Sawtimber Well	10.1	100	81-110	N/A	OPIC - FMD: This stand is adjacent to the Sunrise Lake Campground. It is at the boat launch and should not be treated do to its proximity to the launch and Sunrise Lake. Comment 2026: Stand is a good visual barrier around Sunrise Lake and should be left alone. There is a potential to harvest the NW portion of the stand but would only amount to 3 acres and would take away from the aesthetic value.																																																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>25</td><td>Log/Pole/XLog</td><td>14</td><td>100</td></tr><tr><td>Red Oak</td><td>15</td><td>Log</td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>20</td><td>Log/Pole/Sap</td><td>12</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>10</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Pole/Log</td><td>9</td><td></td></tr><tr><td>Red Pine</td><td>5</td><td>Log</td><td>10</td><td></td></tr><tr><td>Beech</td><td>10</td><td>Log</td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	25	Log/Pole/XLog	14	100	Red Oak	15	Log	12		Red Maple	20	Log/Pole/Sap	12		White Pine	5	Log	10		Black Cherry	5	Pole/Log	8		Bigtooth Aspen	10	Pole/Log	9		Red Pine	5	Log	10		Beech	10	Log	10		Paper Birch	5	Pole	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Ironwood</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Black Cherry	Low	5 - 10 feet	5 - 10 feet	Beech	Low	5 - 10 feet	5 - 10 feet	Red Oak	Low	< 5 feet	< 5 feet	Witch Hazel	Low	5 - 10 feet	5 - 10 feet	Ironwood	Low	10 - 20 feet	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																																
Sugar Maple	25	Log/Pole/XLog	14	100																																																																																
Red Oak	15	Log	12																																																																																	
Red Maple	20	Log/Pole/Sap	12																																																																																	
White Pine	5	Log	10																																																																																	
Black Cherry	5	Pole/Log	8																																																																																	
Bigtooth Aspen	10	Pole/Log	9																																																																																	
Red Pine	5	Log	10																																																																																	
Beech	10	Log	10																																																																																	
Paper Birch	5	Pole	8																																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																																																	
Black Cherry	Low	5 - 10 feet	5 - 10 feet																																																																																	
Beech	Low	5 - 10 feet	5 - 10 feet																																																																																	
Red Oak	Low	< 5 feet	< 5 feet																																																																																	
Witch Hazel	Low	5 - 10 feet	5 - 10 feet																																																																																	
Ironwood	Low	10 - 20 feet	10 - 20 feet																																																																																	
16	310 - Herbaceous Openland	None	1.7			No	OPIC - FMD: OI Stand Year Origin was																																																																													
17	4130 - Aspen	Poletimber Well	43.4	36	Unspecified	N/A	Stand was treated in 1990 with sale #63-024-87-01 "Rose Lake 36". Stand is still less than pulp size. There are some pulp trees in the stand. It is in good condition.																																																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>90</td><td>Pole/Sapling</td><td>6</td><td>36</td></tr><tr><td>Red Maple</td><td>5</td><td>Pole/Sapling</td><td>5</td><td>36</td></tr><tr><td>Black Cherry</td><td>5</td><td>Pole/Sapling</td><td>7</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	90	Pole/Sapling	6	36	Red Maple	5	Pole/Sapling	5	36	Black Cherry	5	Pole/Sapling	7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Bigtooth Aspen</td><td>High</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Beech</td><td>Trace</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Oak</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	>20 feet	Bigtooth Aspen	High	>20 feet	>20 feet	Beech	Trace	10 - 20 feet	10 - 20 feet	Red Oak	Trace	5 - 10 feet	5 - 10 feet																																						
Canopy Species	% Cover	Size Class	DBH	Age																																																																																
Bigtooth Aspen	90	Pole/Sapling	6	36																																																																																
Red Maple	5	Pole/Sapling	5	36																																																																																
Black Cherry	5	Pole/Sapling	7																																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Red Maple	Medium	>20 feet	>20 feet																																																																																	
Bigtooth Aspen	High	>20 feet	>20 feet																																																																																	
Beech	Trace	10 - 20 feet	10 - 20 feet																																																																																	
Red Oak	Trace	5 - 10 feet	5 - 10 feet																																																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
18	4130 - Aspen	Poletimber Well	35.8	36	Unspecified	N/A	Stand was treated in 1990 with sale #63-024-87-01 "Rose Lake 36".																																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>85</td><td>Pole/Sapling</td><td>7</td><td>36</td></tr><tr><td>Red Maple</td><td>10</td><td>Pole/Sapling</td><td>5</td><td></td></tr><tr><td>Yellow Birch</td><td>2</td><td>Sapling/Pole</td><td>4</td><td></td></tr><tr><td>Black Cherry</td><td>3</td><td>Pole/Sapling</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	85	Pole/Sapling	7	36	Red Maple	10	Pole/Sapling	5		Yellow Birch	2	Sapling/Pole	4		Black Cherry	3	Pole/Sapling	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Bigtooth Aspen</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Low	5 - 10 feet	5 - 10 feet	Witch Hazel	Low	5 - 10 feet	5 - 10 feet	Bigtooth Aspen	High	10 - 20 feet	10 - 20 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																												
Bigtooth Aspen	85	Pole/Sapling	7	36																																												
Red Maple	10	Pole/Sapling	5																																													
Yellow Birch	2	Sapling/Pole	4																																													
Black Cherry	3	Pole/Sapling	6																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Beech	Low	5 - 10 feet	5 - 10 feet																																													
Witch Hazel	Low	5 - 10 feet	5 - 10 feet																																													
Bigtooth Aspen	High	10 - 20 feet	10 - 20 feet																																													
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																													
19	4123 - Red Oak	Sawtimber Medium	10.9	100	51-80	N/A	OPIC - FMD: This stand has the Cycle Trail going through it. Stand treated with sale #63-011-08-01. Deer browse on red oak regen. Lots of maple stump sprouts with scattered raspberry throughout. Comment 2026: Regen seems to be almost all maple. Potential to burn the stand with some high intensity to kill some maple saplings and allow oak to potentially have an opportunity to grow. A lot of the maple is stump sprouted and all range from 2 to 5 inches.																																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>98</td><td>Log</td><td>12</td><td>100</td></tr><tr><td>White Oak</td><td>2</td><td>Log</td><td>12</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	98	Log	12	100	White Oak	2	Log	12		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Witch Hazel</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Dogwood (spp.)</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	10 - 20 feet	10 - 20 feet	Red Oak	Low	5 - 10 feet	5 - 10 feet	Witch Hazel	Medium	5 - 10 feet	5 - 10 feet	Dogwood (spp.)	Low	5 - 10 feet	5 - 10 feet										
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Oak	98	Log	12	100																																												
White Oak	2	Log	12																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Red Maple	High	10 - 20 feet	10 - 20 feet																																													
Red Oak	Low	5 - 10 feet	5 - 10 feet																																													
Witch Hazel	Medium	5 - 10 feet	5 - 10 feet																																													
Dogwood (spp.)	Low	5 - 10 feet	5 - 10 feet																																													
20	4199 - Other Mixed Upland Deciduous	Sapling Medium	24.9	16	1-50	N/A	OPIC - FMD: The stand has a range of diameters, stand should be clearcut. There is serviceberry, witch hazel and hawthorn component in the stand. Mark oak to leave about 10 sq ft heavier around ORV trail. Stand treated with sale #63-011-08-01.																																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>20</td><td>Log</td><td>16</td><td>105</td></tr><tr><td>Bigtooth Aspen</td><td>33</td><td>Sapling</td><td>2</td><td>16</td></tr><tr><td>Red Maple</td><td>32</td><td>Sapling</td><td>3</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>Sassafras</td><td>5</td><td>Sapling</td><td>2</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	20	Log	16	105	Bigtooth Aspen	33	Sapling	2	16	Red Maple	32	Sapling	3		Red Oak	5	Sapling	2		Black Cherry	5	Sapling	2		Sassafras	5	Sapling	2		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Witch Hazel</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Medium	5 - 10 feet	5 - 10 feet		
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Oak	20	Log	16	105																																												
Bigtooth Aspen	33	Sapling	2	16																																												
Red Maple	32	Sapling	3																																													
Red Oak	5	Sapling	2																																													
Black Cherry	5	Sapling	2																																													
Sassafras	5	Sapling	2																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Witch Hazel	Medium	5 - 10 feet	5 - 10 feet																																													
21	4139 - Aspen, Mixed Deciduous	Sapling Poor	193.6	6	Unspecified	N/A	Comment 2026: Stand looks very good. Aspen is like 20 ft tall. A lot of maple stump sprouts. Oak regeneration is also a lot of stump sprouts that look to be off of 8-10" DBH trees.																																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>15</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Oak</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>55</td><td>Sapling</td><td>1</td><td>6</td></tr><tr><td>Black Cherry</td><td>20</td><td>Sapling</td><td>1</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Sapling	1		Red Oak	10	Sapling	1		Bigtooth Aspen	55	Sapling	1	6	Black Cherry	20	Sapling	1																							
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	15	Sapling	1																																													
Red Oak	10	Sapling	1																																													
Bigtooth Aspen	55	Sapling	1	6																																												
Black Cherry	20	Sapling	1																																													
22	6224 - Treed Bog	None	2.2			No																																										
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Leatherleaf</td><td>High</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Black Spruce</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Leatherleaf	High	< 5 feet	< 5 feet	Bigtooth Aspen	Low	>20 feet	>20 feet	White Pine	Low	>20 feet	>20 feet	Black Spruce	Medium	10 - 20 feet	10 - 20 feet																									
Sub-Canopy Species	Density	Avg. Height	Size																																													
Leatherleaf	High	< 5 feet	< 5 feet																																													
Bigtooth Aspen	Low	>20 feet	>20 feet																																													
White Pine	Low	>20 feet	>20 feet																																													
Black Spruce	Medium	10 - 20 feet	10 - 20 feet																																													



MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																										
23	4123 - Red Oak	Sawtimber Poor	24.7	114	51-80	N/A	Stand was treated in Fall 2022 with timber sale # "63-043-18-01", "Joby's Mix".Comment 2026: Stand looks alright but previous treatment seemed to not produce anymore oak regeneration. Some of the overstory oaks are starting to die off.																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>60</td><td>XLog</td><td>18</td><td>114</td></tr><tr><td>Red Oak</td><td>10</td><td>Pole</td><td>8</td><td>50</td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Log</td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Oak	60	XLog	18	114	Red Oak	10	Pole	8	50	Bigtooth Aspen	10	Log/Pole	10		White Oak	5	Log	10		Red Maple	15	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Oak</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>Trace</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Oak	Low	10 - 20 feet	10 - 20 feet	Witch Hazel	Low	5 - 10 feet	5 - 10 feet	Beech	Trace	10 - 20 feet	10 - 20 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Red Oak	Low	< 5 feet	< 5 feet							
Canopy Species	% Cover	Size Class	DBH	Age																																																													
Red Oak	60	XLog	18	114																																																													
Red Oak	10	Pole	8	50																																																													
Bigtooth Aspen	10	Log/Pole	10																																																														
White Oak	5	Log	10																																																														
Red Maple	15	Log/Pole	10																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																														
White Oak	Low	10 - 20 feet	10 - 20 feet																																																														
Witch Hazel	Low	5 - 10 feet	5 - 10 feet																																																														
Beech	Trace	10 - 20 feet	10 - 20 feet																																																														
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																														
Red Oak	Low	< 5 feet	< 5 feet																																																														
24	4199 - Other Mixed Upland Deciduous	Sawtimber Well	5.7	100	111-140	N/A	OPIC - FMD: This stand is adjacent to the Sunrise Lake Campground.																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>29</td><td>Log/Pole</td><td>15</td><td>100</td></tr><tr><td>Red Maple</td><td>29</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>25</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Red Pine</td><td>5</td><td>Pole</td><td>9</td><td></td></tr><tr><td>Black Cherry</td><td>2</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Sugar Maple</td><td>3</td><td>Log/Pole</td><td>13</td><td></td></tr><tr><td>White Pine</td><td>2</td><td>Log/Pole</td><td>13</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Oak	29	Log/Pole	15	100	Red Maple	29	Pole	8		Bigtooth Aspen	25	Log/Pole	10		Paper Birch	5	Pole	8		Red Pine	5	Pole	9		Black Cherry	2	Pole	8		Sugar Maple	3	Log/Pole	13		White Pine	2	Log/Pole	13		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Trace</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>High</td><td>>20 feet</td><td>>20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Trace	< 5 feet	< 5 feet	Red Oak	Low	10 - 20 feet	10 - 20 feet	Red Maple	High	>20 feet	>20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																													
Red Oak	29	Log/Pole	15	100																																																													
Red Maple	29	Pole	8																																																														
Bigtooth Aspen	25	Log/Pole	10																																																														
Paper Birch	5	Pole	8																																																														
Red Pine	5	Pole	9																																																														
Black Cherry	2	Pole	8																																																														
Sugar Maple	3	Log/Pole	13																																																														
White Pine	2	Log/Pole	13																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																														
Beech	Trace	< 5 feet	< 5 feet																																																														
Red Oak	Low	10 - 20 feet	10 - 20 feet																																																														
Red Maple	High	>20 feet	>20 feet																																																														
25	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	9.7	67	141-170	N/A	OPIC - FMD: THIN RED PINE PLANTATION USESELECTION METHOD DUE TO CAMPGROUND; STAND TREATED WINTER 2001-SPRING 2002 SALE # 75/99/02 CUT BY NELSON SAWMILL. Stand should be thinned, possibility of marking orange to. This stand is adjacent to the Sunrise Lake Campground. The Key Value Designation of this compartment in the Pere Marquette Plan is TIMBER INTENSIVE. When the timber sale boundary is laid out, safety and time of harvest should be a factors to be considered when determining the location of the sale line. Long term MO is hardwood																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>70</td><td>Log/Pole</td><td>10</td><td>67</td></tr><tr><td>White Pine</td><td>10</td><td>Log/Pole</td><td>15</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td>Log/Pole</td><td>14</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	70	Log/Pole	10	67	White Pine	10	Log/Pole	15		Paper Birch	5	Pole	8		Red Oak	5	Log/Pole	14		Bigtooth Aspen	5	Log/Pole	10							<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	5 - 10 feet	Beech	Medium	10 - 20 feet	10 - 20 feet														
Canopy Species	% Cover	Size Class	DBH	Age																																																													
Red Pine	70	Log/Pole	10	67																																																													
White Pine	10	Log/Pole	15																																																														
Paper Birch	5	Pole	8																																																														
Red Oak	5	Log/Pole	14																																																														
Bigtooth Aspen	5	Log/Pole	10																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																														
Red Maple	Medium	5 - 10 feet	5 - 10 feet																																																														
Beech	Medium	10 - 20 feet	10 - 20 feet																																																														
26	500 - Water	None	32.4			No	Sunrise Lake																																																										
27	4124 - Red with White Oak	Unspecified	25.1	3	Immature		Stand was clearcut in Fall 2022 with timber sale # "63-043-18-01", "Joby's Mix".Comment 2026: Stand is regenerating well and is showing signs of oak regeneration that is close to free to grow. Pretty early after the harvest to see what's really coming back however as there is a lot of cherry and maple repairing the stand and is very patchy. Left monitoring treatment on the stand to make sure that the regen is rechecked next inventory cycle.																																																										
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Oak</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	Red Maple	Medium	5 - 10 feet	5 - 10 feet	Bigtooth Aspen	Medium	5 - 10 feet	5 - 10 feet	Beech	Low	5 - 10 feet	5 - 10 feet	Red Oak	Medium	5 - 10 feet	5 - 10 feet																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																														
Red Maple	Medium	5 - 10 feet	5 - 10 feet																																																														
Bigtooth Aspen	Medium	5 - 10 feet	5 - 10 feet																																																														
Beech	Low	5 - 10 feet	5 - 10 feet																																																														
Red Oak	Medium	5 - 10 feet	5 - 10 feet																																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																								
28	4130 - Aspen	Poletimber Well	17.7	27	Unspecified	N/A	OPIC - FMD: stand treated 1998-99 sale # 212-98-01("Shamrock Hardwoods"); FINAL HARVEST ASPEN																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>90</td><td>Sapling/Pole</td><td>4</td><td>27</td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling/Pole</td><td>4</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	90	Sapling/Pole	4	27	Red Maple	10	Sapling/Pole	4		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Low	5 - 10 feet	5 - 10 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet	
Canopy Species	% Cover	Size Class	DBH	Age																											
Bigtooth Aspen	90	Sapling/Pole	4	27																											
Red Maple	10	Sapling/Pole	4																												
Sub-Canopy Species	Density	Avg. Height	Size																												
Witch Hazel	Low	5 - 10 feet	5 - 10 feet																												
Red Maple	Medium	10 - 20 feet	10 - 20 feet																												
29	310 - Herbaceous Openland	None	1.0	No	small grass opening within an oak stand																										
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Cherry</td><td>Trace</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Trace	10 - 20 feet	10 - 20 feet																				
Sub-Canopy Species	Density	Avg. Height	Size																												
Black Cherry	Trace	10 - 20 feet	10 - 20 feet																												
30	6225 - Bog	None	5.0	No	OPIC - FMD: OI Stand Year Origin was																										
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Leatherleaf</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	>20 feet	Leatherleaf	High	5 - 10 feet	5 - 10 feet	Black Spruce	Low	10 - 20 feet	10 - 20 feet												
Sub-Canopy Species	Density	Avg. Height	Size																												
Red Maple	Low	>20 feet	>20 feet																												
Leatherleaf	High	5 - 10 feet	5 - 10 feet																												
Black Spruce	Low	10 - 20 feet	10 - 20 feet																												
31	6225 - Bog	None	2.8	No	OPIC - FMD: OI Stand Year Origin was																										
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Yellow Birch</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Leatherleaf</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Paper Birch</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Yellow Birch	Low	>20 feet	>20 feet	Red Maple	Low	>20 feet	>20 feet	Leatherleaf	High	5 - 10 feet	5 - 10 feet	Paper Birch	Low	>20 feet	>20 feet	Black Spruce	Low	10 - 20 feet	10 - 20 feet	White Pine	Low	>20 feet	>20 feet
Sub-Canopy Species	Density	Avg. Height	Size																												
Yellow Birch	Low	>20 feet	>20 feet																												
Red Maple	Low	>20 feet	>20 feet																												
Leatherleaf	High	5 - 10 feet	5 - 10 feet																												
Paper Birch	Low	>20 feet	>20 feet																												
Black Spruce	Low	10 - 20 feet	10 - 20 feet																												
White Pine	Low	>20 feet	>20 feet																												
32	6224 - Treed Bog	None	5.0	No	Treed bog with sparse trees throughout. A few dead white pine snags scattered throughout. Occasional yellow birch.																										
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Yellow Birch</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Paper Birch</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Leatherleaf</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Yellow Birch	Trace	>20 feet	>20 feet	Red Maple	Low	10 - 20 feet	10 - 20 feet	Paper Birch	Low	10 - 20 feet	10 - 20 feet	White Pine	Low	>20 feet	>20 feet	Leatherleaf	High	5 - 10 feet	5 - 10 feet	Black Spruce	Low	10 - 20 feet	10 - 20 feet
Sub-Canopy Species	Density	Avg. Height	Size																												
Yellow Birch	Trace	>20 feet	>20 feet																												
Red Maple	Low	10 - 20 feet	10 - 20 feet																												
Paper Birch	Low	10 - 20 feet	10 - 20 feet																												
White Pine	Low	>20 feet	>20 feet																												
Leatherleaf	High	5 - 10 feet	5 - 10 feet																												
Black Spruce	Low	10 - 20 feet	10 - 20 feet																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																		
33	4199 - Other Mixed Upland Deciduous	Sawtimber Well	40.1	96	111-140	N/A	OPIC - FMD: INITIAL THIN NORTHERN HARDWOOD STAND; STAND TREATED BY WEYERHAEUSER IN 2000-2002. SALE # 215/98/01 (Sunrise Lake Hardwoods) STORM DAMAGE CAUSED A SALVAGE OPERATION TO PARTS OF THE STAND. There is very little regeneration in this stand which is taller than waist height. The stand was treated last entry but the canopy appears to be uniform in cover. The stand will hold for now. This stand could be treated next entry and that treatment might be to create some openings in the canopy to promote some regeneration. When this stand is treated, Std. 7 should be considered for treatment also. Comment 2026: Regen is above waist height from previous comment but it is still pretty open within the stand. Most of the regen is maple. Monitor surrounding treatments to determine if they were successful. If they are not, we could open up the canopy through large gaps (removing 1/3 of the acres) and planting oak and hickory within the gaps after harvest to maintain these species within the stand. Timber Stand Improvement cuts could happen post planting to ensure their survival. Should be treated in YOE 2038. Could treat in YOE 2028 if the acres are needed.																																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>30</td><td>Log/XLog/Pole</td><td>16</td><td>96</td></tr><tr><td>Red Maple</td><td>20</td><td>Log/Pole/Sap</td><td>10</td><td></td></tr><tr><td>Sugar Maple</td><td>10</td><td>Log/Pole/Sap</td><td>14</td><td></td></tr><tr><td>Beech</td><td>15</td><td>Log/Pole/XLog</td><td>10</td><td></td></tr><tr><td>White Ash</td><td>5</td><td>Log</td><td>14</td><td></td></tr><tr><td>White Oak</td><td>10</td><td>Log/Pole/XLog</td><td>12</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td>Log</td><td>12</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Log/Pole</td><td>13</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Oak	30	Log/XLog/Pole	16	96	Red Maple	20	Log/Pole/Sap	10		Sugar Maple	10	Log/Pole/Sap	14		Beech	15	Log/Pole/XLog	10		White Ash	5	Log	14		White Oak	10	Log/Pole/XLog	12		Bigtooth Aspen	5	Log	12		Black/Red (Hybrid) Oak	5	Log/Pole	13		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Ironwood</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Low	>20 feet	>20 feet	Red Maple	Low	5 - 10 feet	5 - 10 feet	Ironwood	Low	5 - 10 feet	5 - 10 feet	Witch Hazel	Low	5 - 10 feet	5 - 10 feet	Red Oak	Low	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																					
Red Oak	30	Log/XLog/Pole	16	96																																																																					
Red Maple	20	Log/Pole/Sap	10																																																																						
Sugar Maple	10	Log/Pole/Sap	14																																																																						
Beech	15	Log/Pole/XLog	10																																																																						
White Ash	5	Log	14																																																																						
White Oak	10	Log/Pole/XLog	12																																																																						
Bigtooth Aspen	5	Log	12																																																																						
Black/Red (Hybrid) Oak	5	Log/Pole	13																																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																																						
Beech	Low	>20 feet	>20 feet																																																																						
Red Maple	Low	5 - 10 feet	5 - 10 feet																																																																						
Ironwood	Low	5 - 10 feet	5 - 10 feet																																																																						
Witch Hazel	Low	5 - 10 feet	5 - 10 feet																																																																						
Red Oak	Low	5 - 10 feet	5 - 10 feet																																																																						
34	6224 - Treed Bog	None	13.1			No	OPIC - FMD: OI Stand Year Origin was																																																																		
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Leatherleaf</td><td>High</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	Black Spruce	Medium	10 - 20 feet	10 - 20 feet	Leatherleaf	High	< 5 feet	< 5 feet	White Pine	Low	>20 feet	>20 feet																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																						
Black Spruce	Medium	10 - 20 feet	10 - 20 feet																																																																						
Leatherleaf	High	< 5 feet	< 5 feet																																																																						
White Pine	Low	>20 feet	>20 feet																																																																						
35	6225 - Bog	None	3.4			No	lowland leatherleaf bog with islands of red oak, fir, and tamarack to the south																																																																		
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Leatherleaf</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	White Pine	Trace	>20 feet	>20 feet	Balsam Fir	Low	10 - 20 feet	10 - 20 feet	Red Oak	Low	>20 feet	>20 feet	Leatherleaf	High	5 - 10 feet	5 - 10 feet																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																						
White Pine	Trace	>20 feet	>20 feet																																																																						
Balsam Fir	Low	10 - 20 feet	10 - 20 feet																																																																						
Red Oak	Low	>20 feet	>20 feet																																																																						
Leatherleaf	High	5 - 10 feet	5 - 10 feet																																																																						
36	4131 - Aspen, Oak	Poletimber Well	42.3	53	Unspecified	N/A	OPIC - FMD: OI Stand Year Origin was 1973Pockets of oak/maple dominate throughout unit as seen in aerial photos. density of understory increases from low to medium with elevation gain. traces of black cherry throughout. Comment 2026: A lot of maple and red oak throughout stand, red oak is especially predominant in the eastern portion of the stand. Little self-thinning happening and some of the aspen clones are still very small and taper into toothpicks. A lot of treatments have already occurred surrounding this stand. Stand should hold until next YOE, where a treatment should be put on to clearcut the stand (YOE 2038).																																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>60</td><td>Pole/Log</td><td>9</td><td>53</td></tr><tr><td>Red Maple</td><td>10</td><td>Pole</td><td>8</td><td>53</td></tr><tr><td>Red Oak</td><td>25</td><td>Pole/Log</td><td>8</td><td>53</td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Pole/Log</td><td>8</td><td>53</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	60	Pole/Log	9	53	Red Maple	10	Pole	8	53	Red Oak	25	Pole/Log	8	53	Quaking Aspen	5	Pole/Log	8	53	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Witch Hazel</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Beech</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Medium	5 - 10 feet	5 - 10 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Beech	Trace	5 - 10 feet	5 - 10 feet																												
Canopy Species	% Cover	Size Class	DBH	Age																																																																					
Bigtooth Aspen	60	Pole/Log	9	53																																																																					
Red Maple	10	Pole	8	53																																																																					
Red Oak	25	Pole/Log	8	53																																																																					
Quaking Aspen	5	Pole/Log	8	53																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																						
Witch Hazel	Medium	5 - 10 feet	5 - 10 feet																																																																						
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																																						
Beech	Trace	5 - 10 feet	5 - 10 feet																																																																						



MICHIGAN



<



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
49	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	32.1	96	81-110	N/A	Stand was treated summer 2019, timber sale # "63-040-18", "Sunrise Hardwoods". Also STAND TREATED BY WEYERHAEUSER IN 2000-2002. SALE # 215/98/01 (Sunrise Lake Hardwoods) STORM DAMAGE CAUSED A SALVAGE OPERATION TO PARTS OF THE STAND. Comment 2026: Stand looks similar to a park. Little regen after previous harvest. Left monitoring treatment on to make sure that there is adequate regen by the next inventory cycle so we don't have to take action.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Oak		30	XLog/Log	22	96	Hickory spp.		Low	10 - 20 feet	10 - 20 feet	
Basswood		5	Log	12		Beech		Low	>20 feet	>20 feet	
Red Maple		5	Log/Pole/Sap	10		White Ash		Medium	5 - 10 feet	5 - 10 feet	
Sugar Maple		40	Log/Pole/XLog	16	96	Witch Hazel		Low	5 - 10 feet	5 - 10 feet	
Paper Birch		10	Log/Pole	10		Ironwood		Low	>20 feet	>20 feet	
Bitternut Hickory		5	Log/Pole/Sap	14		Red Oak		Low	< 5 feet	< 5 feet	
Pignut Hickory		5	Log/Pole/Sap	14		Sugar Maple		Low	>20 feet	>20 feet	
50	330 - Low-Density Trees	None	0.7			No	Grassy opening.				
51	4130 - Aspen	Poletimber Well	4.5	53	Unspecified	N/A	OPIC - FMD: OI Stand Year Origin was 1973Pockets of oak/maple dominate throughout unit as seen in aerial photos. density of understory increases from low to medium with elevation gain. traces of black cherry throughout. Comment 2026: Treat stand with all of the other delayed aspen that's within the southern portion of Compartment 28. Clearcut stand in YOY 2038.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Bigtooth Aspen		75	Pole	9	53	Bigtooth Aspen		High	>20 feet	>20 feet	
Red Maple		15	Pole	8		Red Maple		Medium	10 - 20 feet	10 - 20 feet	
Red Oak		5	Pole	8		Beech		Trace	5 - 10 feet	5 - 10 feet	
Black Cherry		5	Pole	9							
52	310 - Herbaceous Openland	None	4.1			No	OPIC - FMD: OI Stand Year Origin was				
Sub-Canopy Species		Density	Avg. Height	Size							
Bigtooth Aspen		Low	>20 feet	>20 feet							
Black Cherry		Low	>20 feet	>20 feet							
53	4130 - Aspen	Sawtimber Well	9.5	55	141-170	N/A	Stand was originally part of a larger stand comprised of stands 53, 54, 59, and 60. This stand was left for age class diversification and will likely need treated next entry. Stand was split off as part of the timbersale Mission Morel, sale # 63-039-18-01				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Bigtooth Aspen		75	Pole	9	55	Beech		Low	5 - 10 feet	5 - 10 feet	
Quaking Aspen		7	Pole/Log/Sap	8		Black Cherry		Low	5 - 10 feet	5 - 10 feet	
Sugar Maple		1	Log/Pole/Sap	12		Red Oak		Low	< 5 feet	< 5 feet	
Red Oak		2	Log/Pole	10		Bigtooth Aspen		High	10 - 20 feet	10 - 20 feet	
Red Maple		10	Pole/Sap/Log	8		Red Maple		Medium	10 - 20 feet	10 - 20 feet	
Black Cherry		2	Log/Pole	10							
Paper Birch		3	Pole/Sapling	6							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
54	4130 - Aspen	Sawtimber Well	35.5	55	141-170	N/A	Stand was originally part of a larger stand comprised of stands 53, 54, 59, and 60. This stand was left for age class diversification and will likely need treated next entry. Stand was split off as part of the timbersale Mission Morel, sale # 63-039-18-01		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Bigtooth Aspen	65	Pole	9	55	Beech	Trace		5 - 10 feet	5 - 10 feet
Quaking Aspen	10	Pole/Log/Sap	8		Black Cherry	Low		5 - 10 feet	5 - 10 feet
Sugar Maple	3	Log/Pole/Sap	12		Red Oak	Low		< 5 feet	< 5 feet
Red Oak	10	Log/Pole	10		Bigtooth Aspen	High		10 - 20 feet	10 - 20 feet
Red Maple	10	Pole/Sap/Log	8		Red Maple	Medium		10 - 20 feet	10 - 20 feet
Black Cherry	2	Log/Pole	10						
55	4123 - Red Oak	Sawtimber Well	1.8	114	111-140	N/A	OPIC - FMD: Mostly oak with some Aspen. Stand 43 was thinned in 2012 during a slop over from another adjacent cut.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Oak	60	XLog	18	114	Red Oak	Low		< 5 feet	< 5 feet
Red Oak	10	Pole	9	50	Bigtooth Aspen	Low		5 - 10 feet	5 - 10 feet
Bigtooth Aspen	10	Log/Pole	10		Witch Hazel	Low		5 - 10 feet	5 - 10 feet
White Oak	5	Log	10		Red Maple	Medium		10 - 20 feet	10 - 20 feet
Red Maple	15	Log/Pole	10		White Oak	Low		10 - 20 feet	10 - 20 feet
					Beech	Trace		10 - 20 feet	10 - 20 feet
56	4130 - Aspen	Poletimber Well	4.8	55	Unspecified	N/A	There are scattered red oaks and red maple throughout the stand with a heavy concentration of low quality double/triple stemmed red oaks southeast of unit 410. The sugar maple and black cherry are located near and around unit 46. A treatment should be created to break up the large stand into multiple age class types while leaving adequate retention in the form of patches and leave trees for wildlife benefits.Comment 2026: Stand looks to have been split off of Stand 6 along with stands 53, 54 and 59. Comment to timber sale number and details within those stands. Single track runs through the entire stand. Will hold to be treated next entry (YOE 2038)		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Bigtooth Aspen	72	Log/Pole	10	55	Red Oak	Low		< 5 feet	< 5 feet
Sugar Maple	1	Log/Pole/Sap	12		Black Cherry	Low		5 - 10 feet	5 - 10 feet
Red Oak	2	Log/Pole	10		Bigtooth Aspen	High		>20 feet	>20 feet
Red Maple	20	Pole/Sapling	7		Beech	Trace		5 - 10 feet	5 - 10 feet
Black Cherry	2	Log/Pole	10		Red Maple	Medium		>20 feet	>20 feet
Beech	3	Log/Pole	12						
57	4139 - Aspen, Mixed Deciduous	Sapling Poor	36.0	6	Immature	N/A	Stand was femelschlag cut as part of stand 12. Cut all species. Stand was cut in Summer 2019 as part of sale # "63-041-18", "Bee's Knee's Oak".Comment 2026: Stand is looking good, however the harvest was supposed to promote oak regeneration and it came back to mostly aspen and red maple. There is oak throughout the stand though.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	30	Sapling	1	6	Sassafras	Medium		5 - 10 feet	5 - 10 feet
Red Oak	5	Sapling	1	6					
White Oak	5	Sapling	1	6					
Bigtooth Aspen	50	Sapling	1	6					
Black Cherry	10	Sapling	1	6					
58	330 - Low-Density Trees	None	2.5			No	Wet drainages.		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
59	4130 - Aspen	Sawtimber Well	24.6	55	141-170	N/A	Stand was originally part of a larger stand comprised of stands 53, 54, 59, and 60. This stand was left for age class diversification and will likely need treated next entry. Stand was split off as part of the timbersale Mission Morel, sale # 63-039-18-01Comment 2026: Stand is self-thinning and there are pockets of quaking aspen.																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>70</td><td>Log/Pole</td><td>10</td><td>55</td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Pole/Log/Sap</td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Pole/Sap/Log</td><td>8</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	70	Log/Pole	10	55	Quaking Aspen	10	Pole/Log/Sap	8		Red Maple	10	Pole/Sap/Log	8		Black Cherry	10	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Beech</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Bigtooth Aspen</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Low	< 5 feet	< 5 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Beech	Trace	5 - 10 feet	5 - 10 feet	Bigtooth Aspen	High	10 - 20 feet	10 - 20 feet	Black Cherry	Low	5 - 10 feet	5 - 10 feet	Witch Hazel	Low	5 - 10 feet	5 - 10 feet			
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Bigtooth Aspen	70	Log/Pole	10	55																																																								
Quaking Aspen	10	Pole/Log/Sap	8																																																									
Red Maple	10	Pole/Sap/Log	8																																																									
Black Cherry	10	Log/Pole	10																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Red Oak	Low	< 5 feet	< 5 feet																																																									
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																									
Beech	Trace	5 - 10 feet	5 - 10 feet																																																									
Bigtooth Aspen	High	10 - 20 feet	10 - 20 feet																																																									
Black Cherry	Low	5 - 10 feet	5 - 10 feet																																																									
Witch Hazel	Low	5 - 10 feet	5 - 10 feet																																																									
60	4130 - Aspen	Sapling Poor	36.1	5	Unspecified	N/A	Stand treated in 2020 as part of Mission Morel sale # 63-039-18-01Comment 2026: Stand is looking great and regenerating very well. Theres a decent amount of residual red oak and cherry in the overstory but would not make sense to take the top off for what is left within the stand, for the amount of regen that would be trampled.																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>70</td><td>Sapling</td><td>1</td><td>5</td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Oak</td><td>3</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black Cherry</td><td>2</td><td>Pole</td><td>9</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	70	Sapling	1	5	Red Maple	10	Sapling	1		Red Oak	5	Sapling	1		Red Oak	3	Log/Pole	12		Black Cherry	10	Sapling	1		Black Cherry	2	Pole	9		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Beech</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Full</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Trace	5 - 10 feet	5 - 10 feet	Red Oak	Low	5 - 10 feet	5 - 10 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Bigtooth Aspen	Full	10 - 20 feet	10 - 20 feet	
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Bigtooth Aspen	70	Sapling	1	5																																																								
Red Maple	10	Sapling	1																																																									
Red Oak	5	Sapling	1																																																									
Red Oak	3	Log/Pole	12																																																									
Black Cherry	10	Sapling	1																																																									
Black Cherry	2	Pole	9																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Beech	Trace	5 - 10 feet	5 - 10 feet																																																									
Red Oak	Low	5 - 10 feet	5 - 10 feet																																																									
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																									
Bigtooth Aspen	Full	10 - 20 feet	10 - 20 feet																																																									
61	4121 - Oak, Aspen	Sawtimber Well	13.1	100	111-140	N/A	Comment 2026: Stand was separated from Stand 27 following harvest. Stand 27 was clearcut in Fall 2022 with timber sale # "63-043-18-01", "Joby's Mix". Wait to harvest what remains of the stand for a one or two more inventory cycles to make sure surrounding treatment has adequate regeneration.																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>30</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>11</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>4</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Oak</td><td>40</td><td>Log/Pole</td><td>11</td><td>100</td></tr><tr><td>White Oak</td><td>10</td><td>Log/Pole</td><td>12</td><td></td></tr><tr><td>Beech</td><td>2</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Black Cherry</td><td>3</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	30	Log/Pole	12		Black/Red (Hybrid) Oak	11	Log/Pole	12		Red Maple	4	Log/Pole	10		Red Oak	40	Log/Pole	11	100	White Oak	10	Log/Pole	12		Beech	2	Log/Pole	10		Black Cherry	3	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Beech</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Low	5 - 10 feet	5 - 10 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet	Beech	Trace	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Bigtooth Aspen	30	Log/Pole	12																																																									
Black/Red (Hybrid) Oak	11	Log/Pole	12																																																									
Red Maple	4	Log/Pole	10																																																									
Red Oak	40	Log/Pole	11	100																																																								
White Oak	10	Log/Pole	12																																																									
Beech	2	Log/Pole	10																																																									
Black Cherry	3	Log/Pole	10																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Red Oak	Low	5 - 10 feet	5 - 10 feet																																																									
Red Maple	Medium	10 - 20 feet	10 - 20 feet																																																									
Beech	Trace	5 - 10 feet	5 - 10 feet																																																									
403	3301 - Low Density Deciduous Trees	None	11.7			No	OPIC - FMD: OI Stand Year Origin was																																																					



Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																												
410	4130 - Aspen	Poletimber Well	9.4	25	Unspecified	N/A		OPIC - FMD: OI Stand Year Origin was...Comment 2026: Multi aged stand with scattered residuals. There is a possibility for an overstory removal, but the regeneration is already 25 years old. Hold until the younger aspen is ready to harvest.																																																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>50</td><td>Sapling</td><td>4</td><td>25</td></tr><tr><td>Bigtooth Aspen</td><td>20</td><td>Log/Pole</td><td>12</td><td>53</td></tr><tr><td>Black Cherry</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Sugar Maple</td><td>5</td><td>Log</td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole/Log</td><td>7</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>White Oak</td><td>4</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Beech</td><td>1</td><td>Pole/Sapling</td><td>5</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	50	Sapling	4	25	Bigtooth Aspen	20	Log/Pole	12	53	Black Cherry	5	Log/Pole	10		Red Maple	5	Pole/Log	8		Sugar Maple	5	Log	10		Paper Birch	5	Pole/Log	7		Red Oak	5	Log/Pole	10		White Oak	4	Pole/Log	8		Beech	1	Pole/Sapling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Witch Hazel</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Bigtooth Aspen</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Beech</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Medium	5 - 10 feet	5 - 10 feet	Red Oak	Low	5 - 10 feet	5 - 10 feet	Red Maple	Low	10 - 20 feet	10 - 20 feet	White Oak	Low	5 - 10 feet	5 - 10 feet	Bigtooth Aspen	High	10 - 20 feet	10 - 20 feet	Beech	Low	5 - 10 feet	5 - 10 feet	
Canopy Species	% Cover	Size Class	DBH	Age																																																																																
Bigtooth Aspen	50	Sapling	4	25																																																																																
Bigtooth Aspen	20	Log/Pole	12	53																																																																																
Black Cherry	5	Log/Pole	10																																																																																	
Red Maple	5	Pole/Log	8																																																																																	
Sugar Maple	5	Log	10																																																																																	
Paper Birch	5	Pole/Log	7																																																																																	
Red Oak	5	Log/Pole	10																																																																																	
White Oak	4	Pole/Log	8																																																																																	
Beech	1	Pole/Sapling	5																																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Witch Hazel	Medium	5 - 10 feet	5 - 10 feet																																																																																	
Red Oak	Low	5 - 10 feet	5 - 10 feet																																																																																	
Red Maple	Low	10 - 20 feet	10 - 20 feet																																																																																	
White Oak	Low	5 - 10 feet	5 - 10 feet																																																																																	
Bigtooth Aspen	High	10 - 20 feet	10 - 20 feet																																																																																	
Beech	Low	5 - 10 feet	5 - 10 feet																																																																																	
416	310 - Herbaceous Openland	None	1.8	No			OPIC - FMD: OI Stand Year Origin was																																																																													
			<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Cherry</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Low	>20 feet	>20 feet	Bigtooth Aspen	Low	>20 feet	>20 feet																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Black Cherry	Low	>20 feet	>20 feet																																																																																	
Bigtooth Aspen	Low	>20 feet	>20 feet																																																																																	
418	310 - Herbaceous Openland	None	1.8	No			OPIC - FMD: OI Stand Year Origin was																																																																													
			<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Cherry</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Trace	>20 feet	>20 feet	Bigtooth Aspen	Low	>20 feet	>20 feet																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Black Cherry	Trace	>20 feet	>20 feet																																																																																	
Bigtooth Aspen	Low	>20 feet	>20 feet																																																																																	
419	310 - Herbaceous Openland	None	1.7	No			OPIC - FMD: OI Stand Year Origin was																																																																													
			<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Cherry</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Trace	>20 feet	>20 feet	Bigtooth Aspen	Low	>20 feet	>20 feet																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Black Cherry	Trace	>20 feet	>20 feet																																																																																	
Bigtooth Aspen	Low	>20 feet	>20 feet																																																																																	
420	310 - Herbaceous Openland	None	4.4	No			OPIC - FMD: OI Stand Year Origin was																																																																													
			<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Black Cherry</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	Low	>20 feet	>20 feet	Black Cherry	Trace	>20 feet	>20 feet																																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Bigtooth Aspen	Low	>20 feet	>20 feet																																																																																	
Black Cherry	Trace	>20 feet	>20 feet																																																																																	
421	310 - Herbaceous Openland	None	2.3	No			herbaceous openland within aspen stand containing sparse poor form black cherry																																																																													
			<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Cherry</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Trace	>20 feet	>20 feet																																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Black Cherry	Trace	>20 feet	>20 feet																																																																																	
422	310 - Herbaceous Openland	None	5.7	No			OPIC - FMD: OI Stand Year Origin was																																																																													
			<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Cherry</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Birch (spp.)</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Trace	>20 feet	>20 feet	Birch (spp.)	Trace	>20 feet	>20 feet	Bigtooth Aspen	Low	>20 feet	>20 feet																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																																	
Black Cherry	Trace	>20 feet	>20 feet																																																																																	
Birch (spp.)	Trace	>20 feet	>20 feet																																																																																	
Bigtooth Aspen	Low	>20 feet	>20 feet																																																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
423	310 - Herbaceous Openland	None	1.4			No	open grass area within aspen stand with sparse poor form cherry					
								Sub-Canopy Species		Density	Avg. Height	Size
								Black Cherry	Trace	10 - 20 feet	10 - 20 feet	
427	3301 - Low Density Deciduous Trees	None	1.4			No	OPIC - FMD: OI Stand Year Origin was					
								Sub-Canopy Species		Density	Avg. Height	Size
								Black Cherry	Low	>20 feet	>20 feet	
								Bigtooth Aspen	Low	>20 feet	>20 feet	
								Red Oak	Low	>20 feet	>20 feet	