



Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63024

Entry Year 2026

Acreage: 1,847

County Lake

Management Area: Cadillac Moraines

Stand Examiner: Todd Lewis

Legal Description:

T18N R12W Sections 13, 14, 23-26

Identified Planning Goals:

Vegetation management in the Lake County Outwash Management Area will provide forest 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 will focus on harvesting older jack pine and balancing the age-class distribution of aspen. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation; maintaining soft and hard mast sources including oak; and preserving related recreational opportunity. Expected trends within this 10-year planning period are the need to minimize jack pine budworm damage by reducing the amount of more susceptible older jack pine; the need to regenerate oak and red pine; the need to target some accessible aspen in older age-classes for harvest; and increased recreational pressure.

Soil and topography:

Predominantly Rubicon-Roselawn sands and Graycalm-Montcalm sands. The terrain is rolling to hilly.

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

There is private ownership surrounding and within the compartment.

Unique Natural Features:

Great blue heron rookery to the northeast, box turtle to the west and south, E. massasauga to west, Hill's thistle to west of section 26. Potential for box turtle, red-shouldered hawk and goshawk. Potential for wood turtle and E. massasauga along Sanborn Creek. Potential for pine tree cricket in white pine stands.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Sanborn Creek flows through Compartment 24. It is a Designated Trout Stream. It flows into the Baldwin River in the Pere Marquette River watershed. Sanborn Creek supports brook trout, brown trout, rainbow trout (steelhead), coho salmon, and chinook salmon. BMPs should be followed for treatments near the Creek.

Wildlife Habitat Considerations:

This compartment contains one alfalfa or rye wildlife opening. This opening should be buffered from treatments in adjacent stands, and any adjacent treatments should prevent expansion of autumn olive. Generally, wildlife cover type goals are no net loss in aspen or oak acres, to protect mast bearing shrubs, to create brush piles adjacent to wetlands, to preferably leave retention in the form of islands or corridors, and to provide coarse woody debris. Promote a mix of cover types by seeking opportunities to manage for non-forested openings or barrens habitat, older age classes and mixed age stands where possible and appropriate. Featured species of special interest are grouse, woodcock, turkey, snowshoe hare and deer.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and an end moraine of coarse-textured till. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Pennsylvanian Saginaw Formation and the Mississippian Bayport Limestone. The Saginaw is quarried for clay/shale products and the Bayport for limestone in other areas of the State. A gravel pit is located in Section 26 and potential is considered good. The nearest production is at Reed City Field located six miles to the east. Reed City Field produces from several formations. The Reed City Formation has produced over 42 million (M) BO, the Traverse Limestone over 3.7 MBO, the Stray Sandstone nearly 8 Bcf gas and the PdC over 20 Bcf gas. The compartment is not currently leased for oil and gas

exploration.

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.

Survey Needs:

Recreational Facilities and Opportunities:

There are no developed recreational facilities within this compartment. Dispersed camping occurs within the compartment

Fire Protection:

Access for fire suppression equipment is good in most of the compartment. Some pockets of conifers can cause some suppression issues. Dispersed camping can cause some wildfires.

Additional Compartment Information:

The following reports from the Inventory are attached:

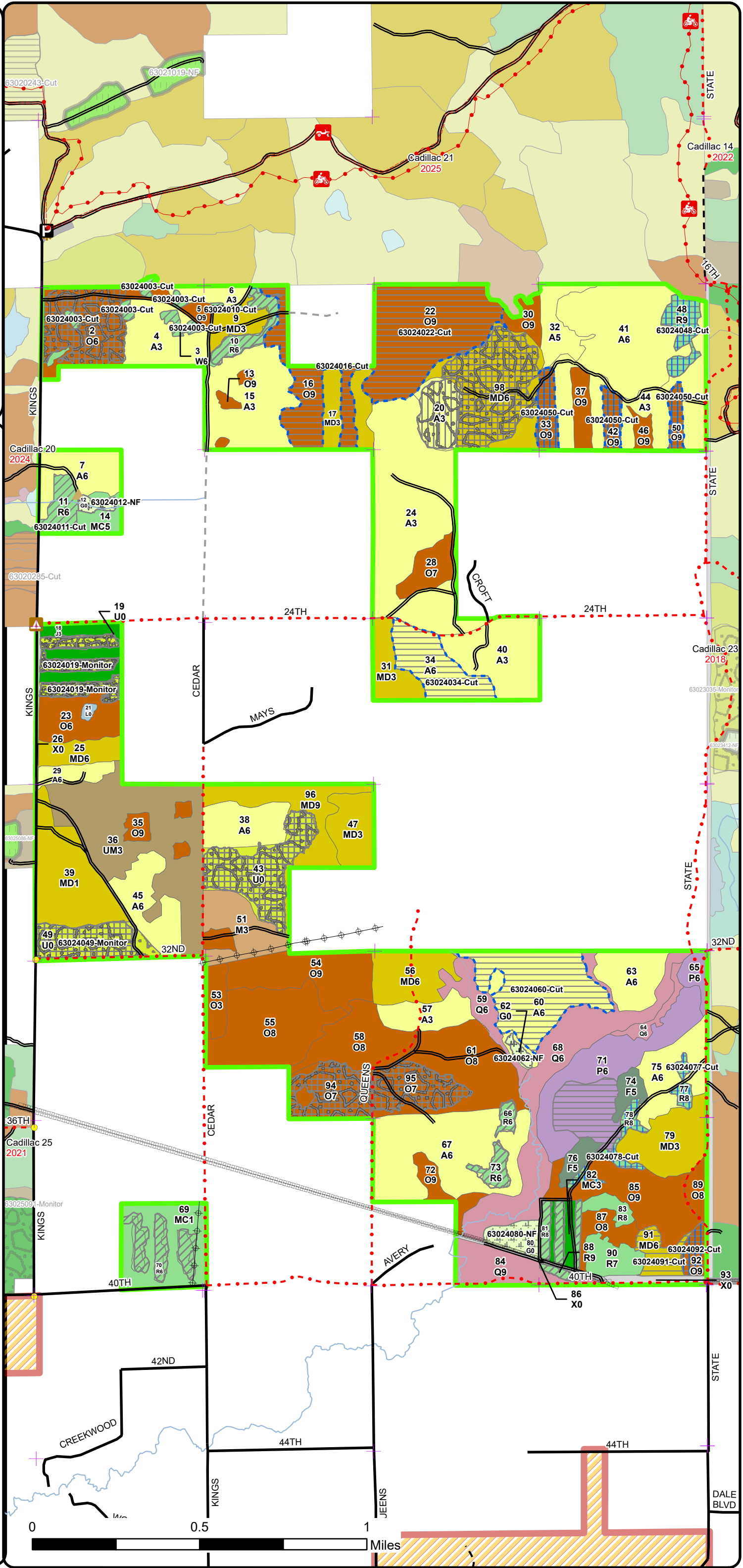
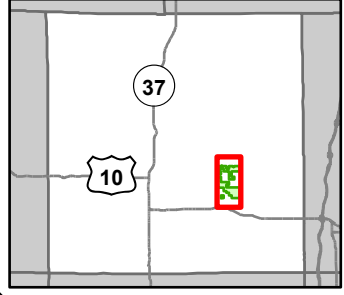
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

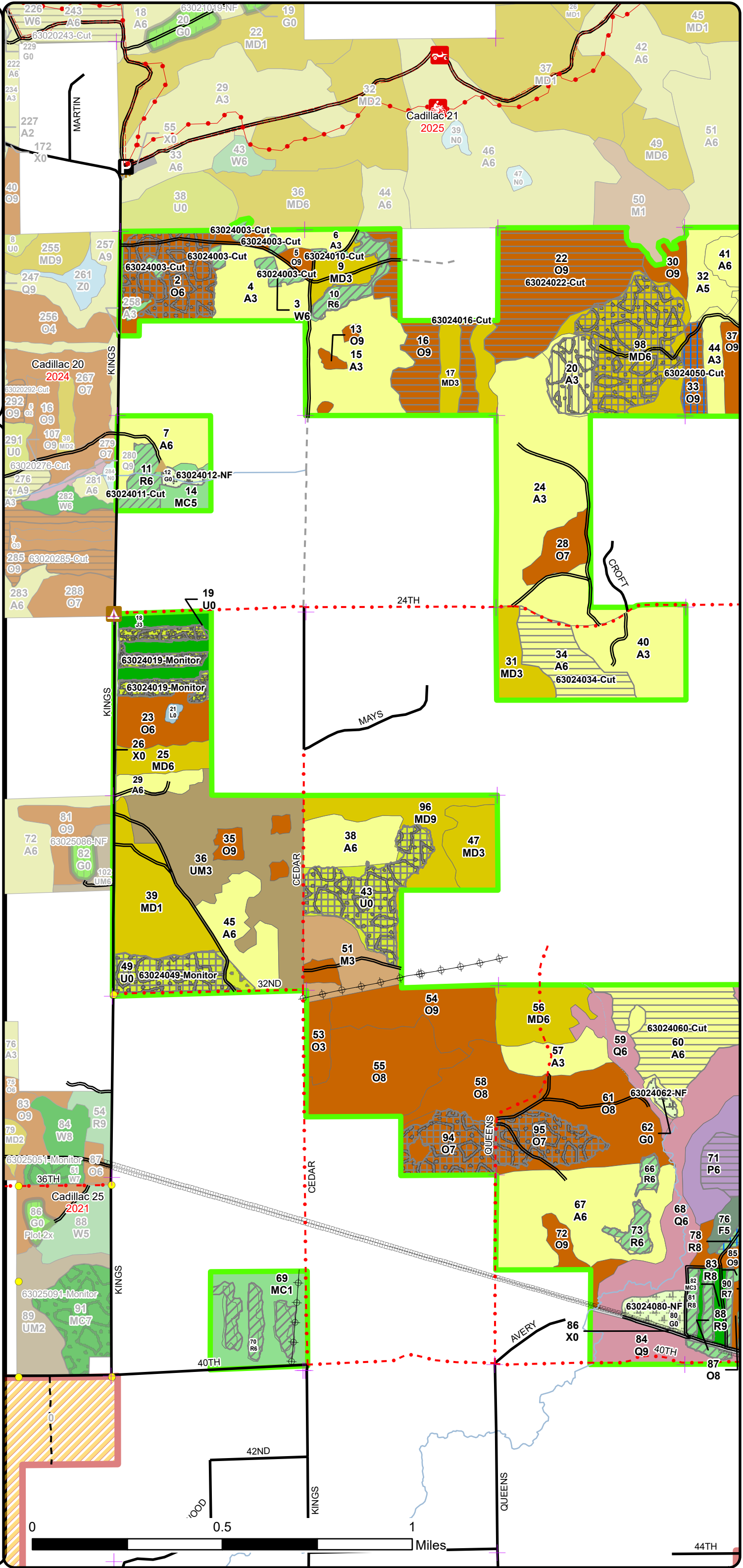
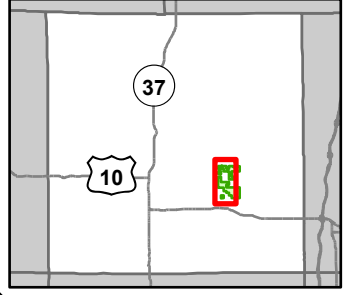
Compartment: 63024
 T18N, R12W, Sec. 13,14, 23-26
 County: Lake
 Unit: Cadillac
 Mgmt Area: Cadillac Moraines
 YOE: 2026
 Acres: 1846.6 GIS Calculated
 Examiner: Todd Lewis
 Map Revised: 7/18/2024
 Map Phase: Web Post



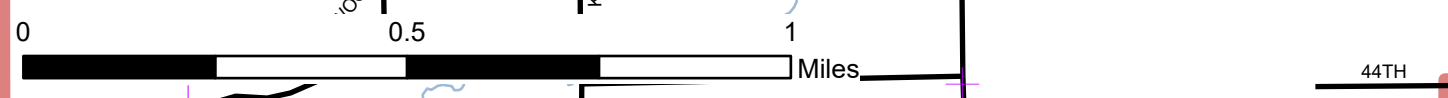
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- ORV Routes
- ORV License & Trail Permit
- Designated ORV Route
- Remonumented Section Corners
- Survey Grade Corners
- Berms
- Campground
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- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
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- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
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- 330 - Low Density Trees
- 622 - Lowland Shrub

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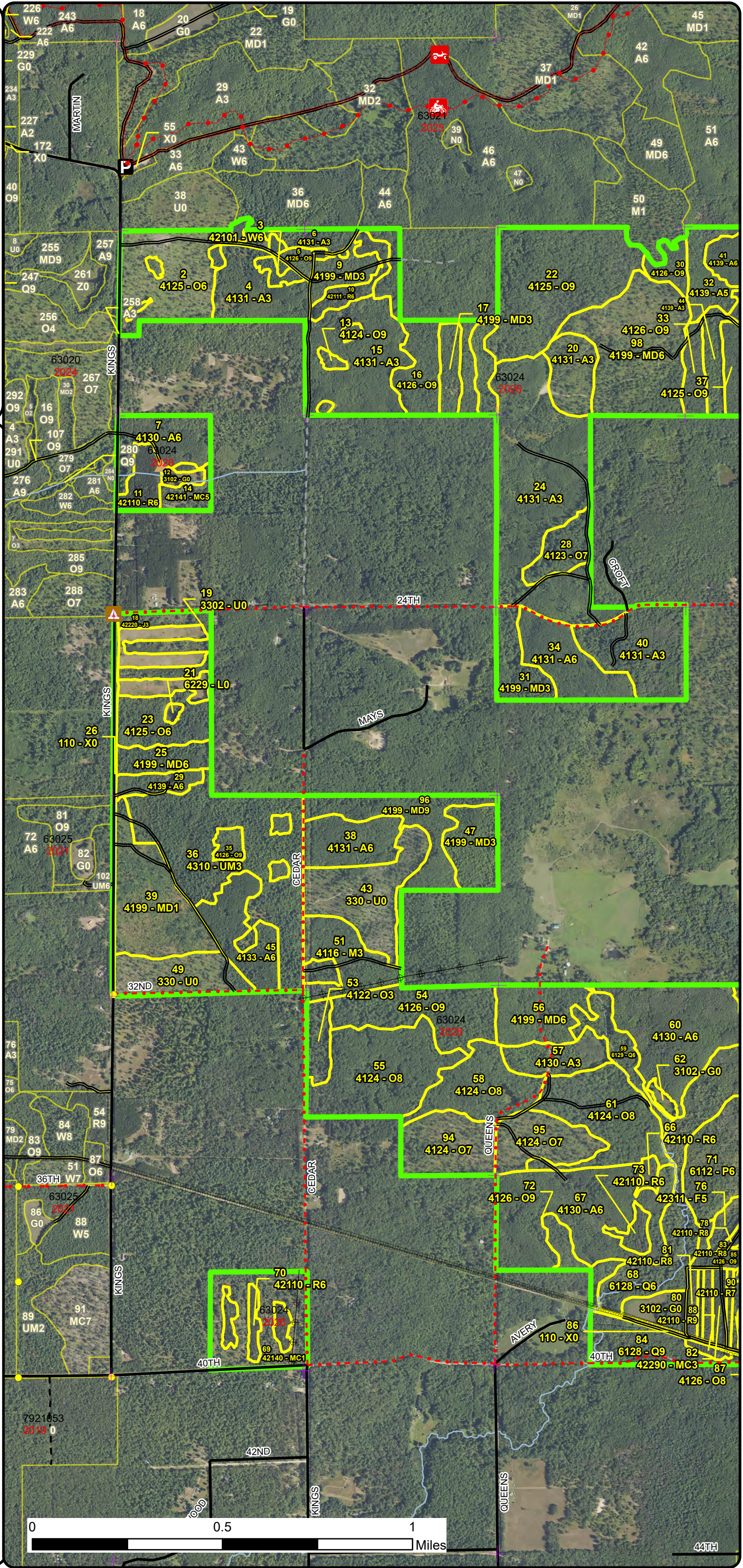
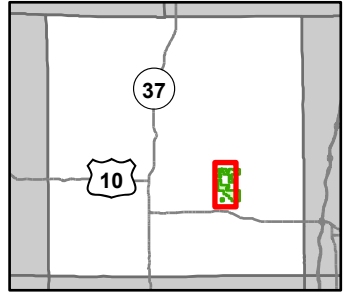


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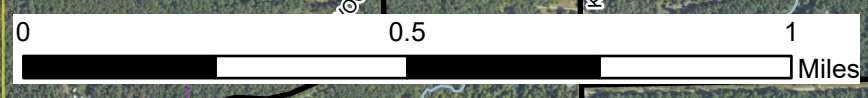


Stand Boundary Map

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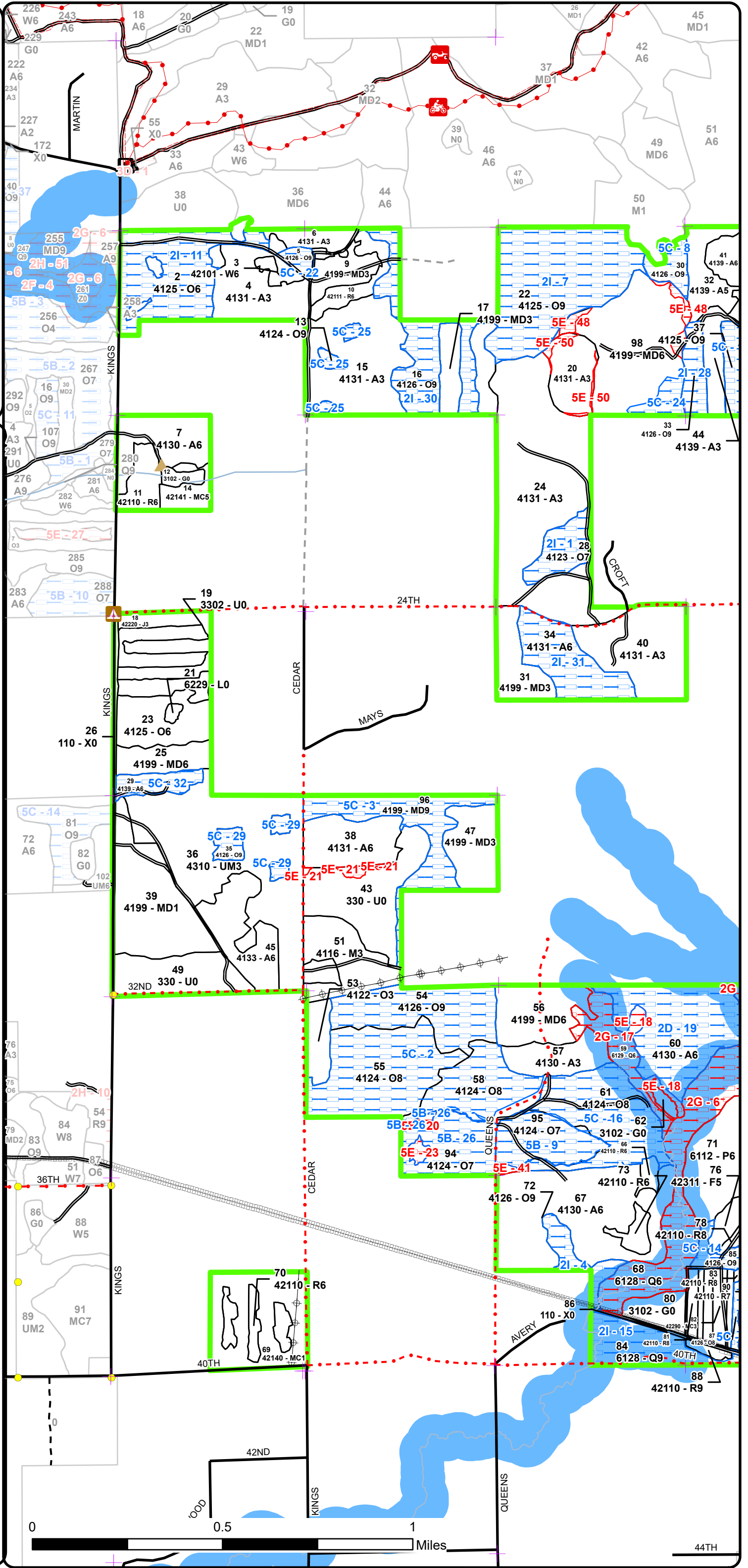
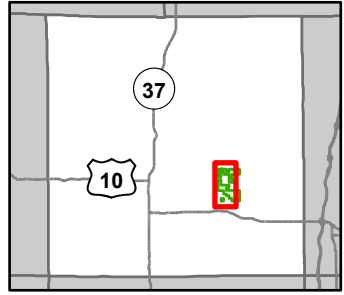


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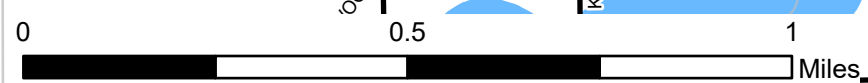


Special Conservation Areas & Site Conditions Map

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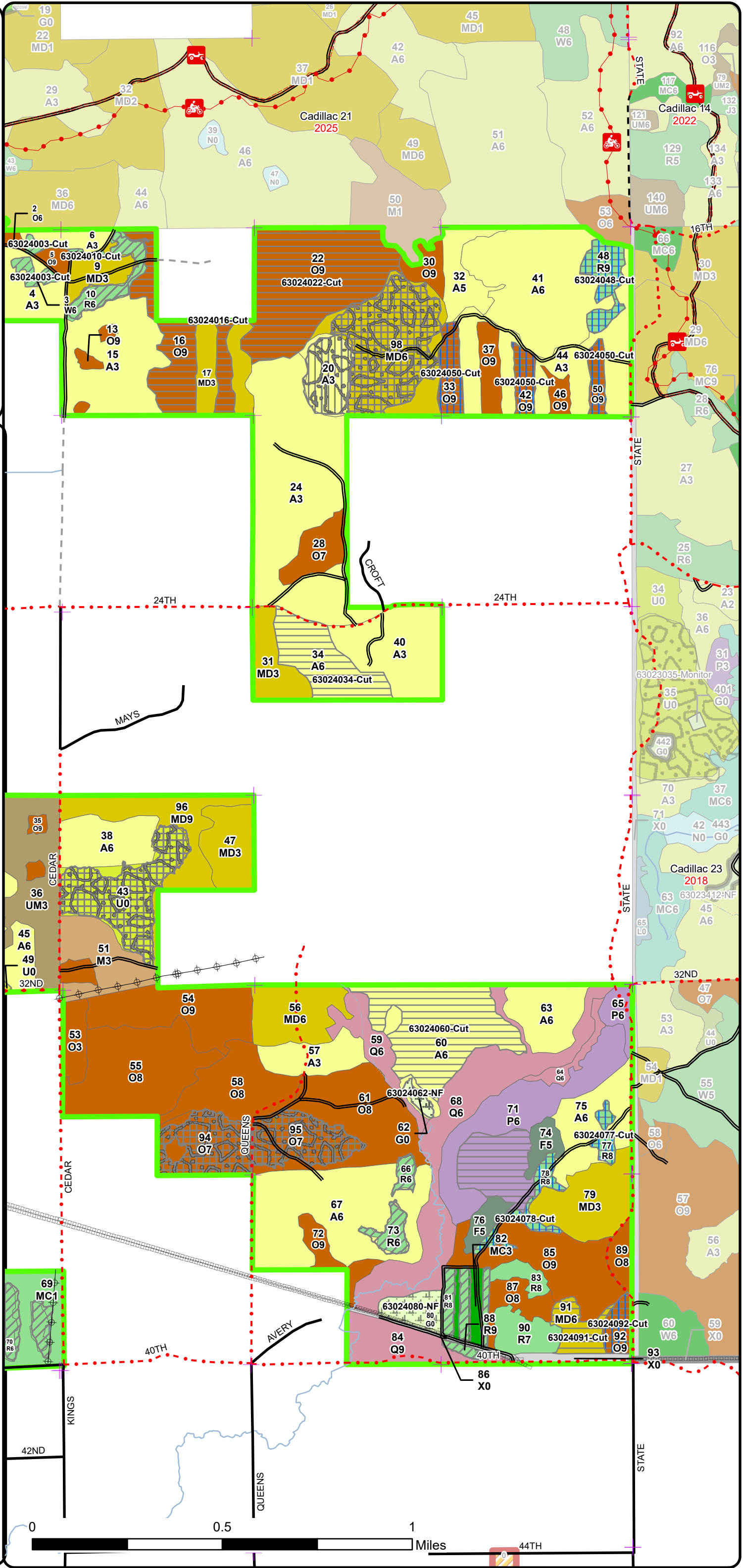
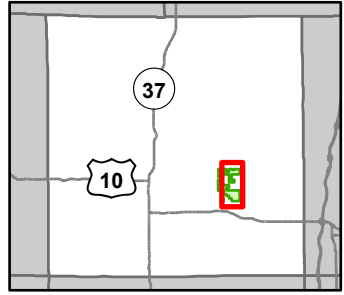


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- High Priority Trout Stream Buffer
- Trail Head



Cover Type & Treatments Map

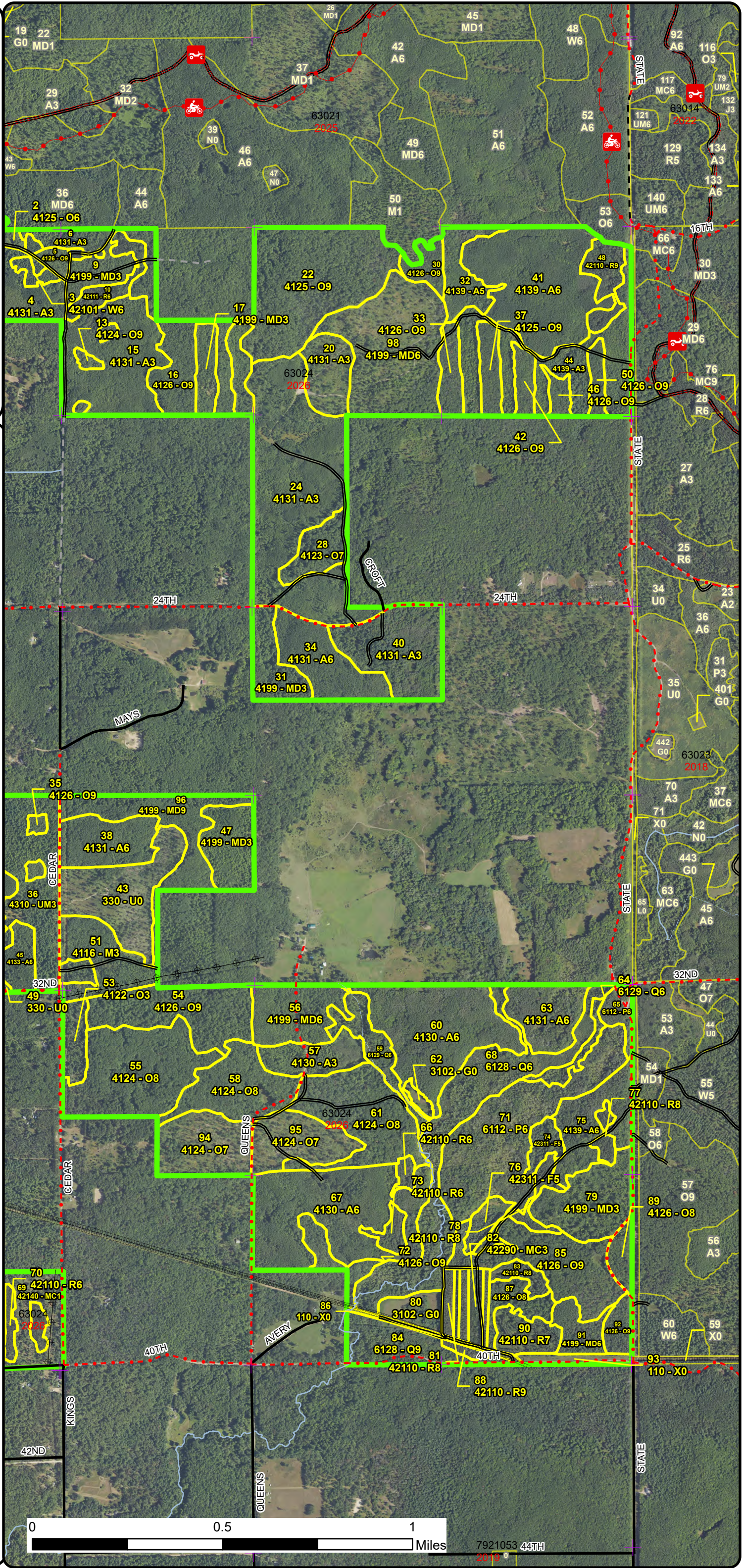
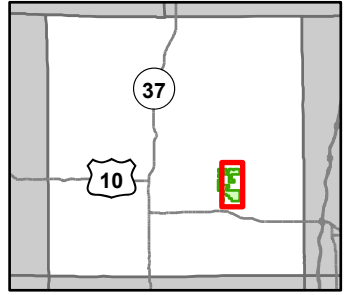
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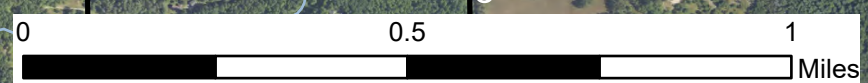
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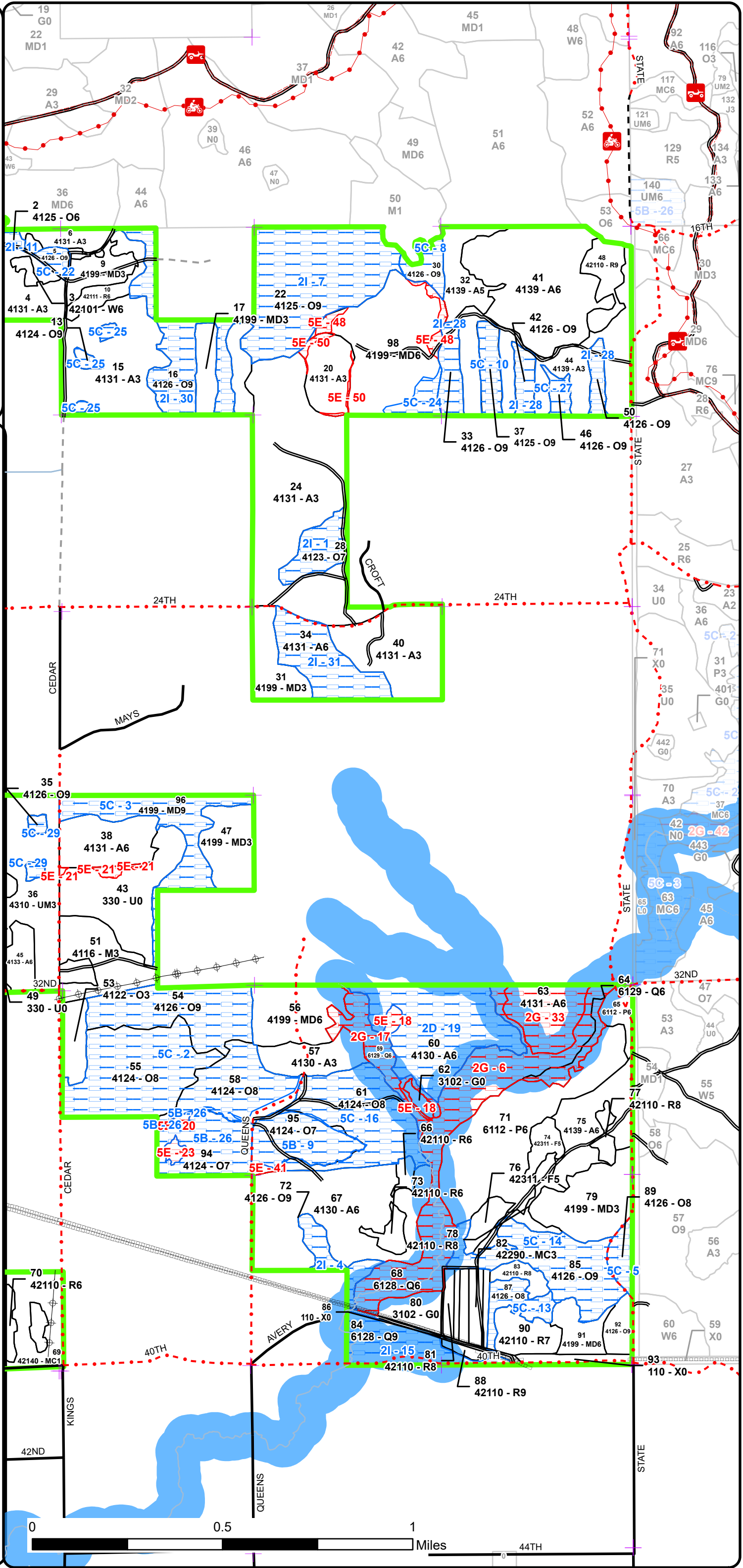
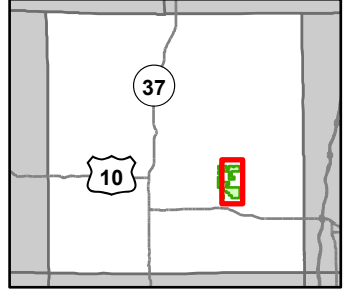
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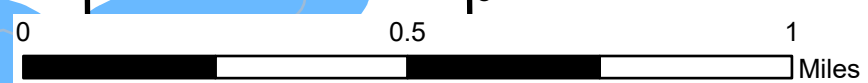
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0 0.5 1 Miles 44TH



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	15	103	151	199	123	0	0	0	0	0	0	0	0	0	0	0	0	590
Herbaceous Openland	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Jack Pine	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Low-Density Trees	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
Lowland Aspen/Balsam Poplar	0	0	0	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	63
Lowland Conifers	0	0	0	0	0	0	0	0	0	74	0	20	0	0	0	0	0	0	94
Lowland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mixed Upland Deciduous	0	0	66	69	0	22	0	55	0	0	0	10	29	0	0	0	0	0	250
Natural Mixed Pines	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Northern Hardwood	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Oak	0	0	12	0	20	0	0	102	0	0	0	91	257	0	0	0	0	0	482
Planted Mixed Pines	0	0	32	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	39
Red Pine	0	0	0	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	82
Upland Mixed Forest	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Urban	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
White Pine	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	8
Total	102	15	336	220	282	145	0	254	0	0	74	101	306	0	0	0	0	11	1842



Report 2 – Treatment Summary

Cadillac Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 24

Total Compartment Acres: 1,847

Commercial Harvest - 55
 Harvests with Site Condition - 183
 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	72	0	0	0	0	0	0	0	0	72
Mixed Upland Deciduous	10	0	0	0	0	0	0	0	0	10
Oak	91	0	0	26	0	0	0	0	0	117
Red Pine	0	0	0	21	0	10	0	0	0	31
White Pine	0	0	0	0	0	8	0	0	0	8
Total	172	0	0	47	0	18	0	0	0	237

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	237	0	0	0	0	0	39	0	13	290
Next Step	0	0	0	0	0	0	220	0	0	220
Total	237	0	0	0	0	0	259	0	13	510



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
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Proposed Treatments:

3	63024003-Cut	7.6	42101 - Planted White Pine, Mixed Deciduous	Poletimber Well	65	111- 140	Harvest	Systematic Thinning	4210 - Planted White Pine	Two-Aged	No
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Prescription Remove 50% of the basal area through row thinning, either cut 2 leave 2 or a designated spacing.

Specs:

Oak wilt with exceptions spec.

Next Step

Treatments:

Acceptable white pine, red pine, oak, maple, cherry.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

10	63024010-Cut	0.7	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Well	65	141- 170	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription 3rd row thin.

Specs:

oak wilt with exceptions spec.

Next Step

Treatments:

Acceptable red pine, white pine, oak, maple, cherry.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

11	63024011-Cut	9.3	42110 - Planted Red Pine	Poletimber Well	62	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Remove 1/3 of the BA focusing on suppressed and cull trees.

Specs:

Next Step

Treatments:

Acceptable oak, conifers

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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12	63024012-NF	2.8	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	3102 - Grass	No
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Prescription Maintain stand as non-forested herbaceous openland for wildlife habitat through various methods that may include mowing, tilling, planting, overseeding and brushing or targeted herbicide application.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

16	63024016-Cut	29.4	4126 - White, Black, N. Pin Oak	Sawtimber Well	105	111-140	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Standard clearcut with island retention. Focus island(s) on quality and vigorous oaks with a mix of conifers.

Specs: Grouse spec. Oak wilt with exception spec.

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

Acceptable aspen, oak, conifers, maple, cherry.
Regen:

Other
Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2025

22	63024022-Cut	62.0	4125 - Black, N. Pin Oak	Sawtimber Well	65	51-80	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Two-Aged	No
----	--------------	------	--------------------------	----------------	----	-------	---------	-------------------------	-------------------------------------	----------	----

Prescription Clearcut with island retention focused around high quality residual oaks.

Specs: Oak wilt exception spec. Grouse drumming log spec. Reserve all conifers.

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

Acceptable oak, maple, aspen, conifers, cherry.
Regen:

Other
Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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34	63024034-Cut	24.4	4131 - Aspen, Oak	Poletimber Well	46	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Standard aspen clearcut with island retention. Island retention can be deciphered on the ground.
Specs: Grouse drumming log spec. Oak wilt with exception spec. Reserve conifers. Reserve birch. Buffer out low spot visible on aerial photo per BMPs.
Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:
Acceptable aspen, oak, conifers, cherry, and birch.
Regen:
Other Comment:
Site Condition Survey Needed
Proposed Start Date: 10/1 /2025

48	63024048-Cut	10.6	42110 - Planted Red Pine	Sawtimber Well	67	81-110	Harvest	Seed Tree	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Remove all red pine. Green mark no more than 5-8 trees per acre of healthy red pine for a seed source.
Specs: Reserve all oak, cut all other species.
 Oak wilt no exceptions spec.
Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:
Acceptable oak, conifers, maple, cherry.
Regen:
Other Comment:
Site Condition
Proposed Start Date: 10/1 /2025

49	63024049-Monitor	22.2	330 - Low-Density Trees	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	4199 - Other Mixed Upland Deciduous	Two-Aged	No
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Prescription
Specs:
Next Step
Treatments:
Acceptable Mix of oaks and conifer species.
Regen:
Other Comment:
Site Condition
Proposed Start Date: 10/1 /2033



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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33 63024050-Cut	19.7	4126 - White, Black, N. Pin Oak	Sawtimber Well	115	111-140	Harvest	Seed Tree	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Green tree mark quality, healthy oaks to a residual BA of 5-10. Reserve all conifers.

Specs:

Seed tree without unmerchantable to preserve all oaks less than 5" in diameter.

Oak wilt no exception spec. Grouse spec.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable oak, conifers, maple, cherry

Regen:

Other

Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2025

60 63024060-Cut	47.1	4130 - Aspen	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Clearcut with standard island retention focused around conifer pockets and wildlife opening.

Specs:

Use grouse drumming log, oak wilt with exemptions spec.

Do not cut any conifer species.

Stand access will be dependent on a portable bridge, crane mats or private access.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, oak, cherry, maple, and conifers.

Regen:

Other

Comment:

Site Condition Portable Bridge Needed

Proposed Start Date: 10/1 /2025

62 63024062-NF	2.0	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	3102 - Grass		No
----------------	-----	--------------	------------	--	-------------	--------------	-----------------	--------------	--	----

Prescription Maintain stand as non-forested herbaceous openland for wildlife habitat through various methods that may include mowing, tilling, planting, overseeding and brushing or targeted herbicide application.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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77	63024077-Cut	3.6	42110 - Planted Red Pine	Sawtimber Medium	67	81-110	Harvest	Seed Tree	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Remove all red pine. Green mark no more than 6-8 trees per acre of healthy red pine for a seed source.

Specs:

Reserve all oak, cut all other species.

Oak wilt no exceptions spec.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable oak, conifers, maple, cherry, aspen.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

78	63024078-Cut	7.2	42110 - Planted Red Pine	Sawtimber Medium	67	81-110	Harvest	Seed Tree	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Remove all red pine. Green mark no more than 6-8 trees per acre of healthy red pine for a seed source.

Specs:

Reserve all oak, cut all other species.

Oak wilt no exceptions spec.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable oak, conifers, maple, cherry.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

80	63024080-NF	8.5	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	3102 - Grass		No
----	-------------	-----	--------------	------------	--	-------------	--------------	-----------------	--------------	--	----

Prescription Maintain stand as non-forested herbaceous openland for wildlife habitat through various methods that may include mowing, tilling, planting, overseeding and brushing or targeted herbicide application.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
91 63024091-Cut	9.5	4199 - Other Mixed Upland Deciduous	Poletimber Well	100	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Cut all aspen, black/red hybrid oak and maple. Cut all white oak greater than 10" in diameter.</p> <p><u>Specs:</u> Oak wilt no exceptions.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> oak, aspen, maple, cherry, white pine and red pine.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
92 63024092-Cut	6.3	4126 - White, Black, N. Pin Oak	Sawtimber Well	100	111-140	Harvest	Seed Tree	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Green mark to 20-30 BA focusing on healthy oaks and white pine to create an oak-pine complex to help with oak regeneration.</p> <p><u>Specs:</u> Reduce damage to oak and white pine regeneration already on the ground.</p> <p>Oak wilt no exception spec.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> oak, conifers, maple, cherry.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										

Approved Treatments:

19 63024019-Monitor	16.9	3302 - Low Density Conifer Trees	Nonstocked			Unspecified	Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Red Pine and mixed upland deciduous species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 1 /1 /2024</p>											

Total Treatment 289.8
Acreage Proposed:

Report 4 – Site Conditions

Cadillac Mgt. Unit
Todd Lewis : Examiner

Compartment: 24
Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions					
		With Condition	Not Available		2D	2I	5B	5C	2G	5E
590	486	80	25	Aspen	47	25		8	19	5
13	13	0	0	Herbaceous Openland						
17	17	0	0	Jack Pine						
74	72	0	2	Low-Density Trees						2
63	63	0	0	Lowland Aspen/Balsam Poplar						
94	0	20	74	Lowland Conifers		20			74	
1	1	0	0	Lowland Shrub						
251	212	35	4	Mixed Upland Deciduous				35		4
6	6	0	0	Natural Mixed Pines						
22	22	0	0	Northern Hardwood						
483	41	438	4	Oak		172	41	225		4
40	40	0	0	Planted Mixed Pines						
82	82	0	0	Red Pine						
77	77	0	0	Upland Mixed Forest						
11	11	0	0	Upland Spruce/Fir						
14	14	0	0	Urban						
8	8	0	0	White Pine						
1,847	1,167	572	108	Total Forested Acres	47	216	41	267	94	14
	63%	31%	6%	Relative Percent						

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	2I: Survey needed	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	104	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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 Todd Lewis : Examiner

Compartment: 24
 Year of Entry: 2026

3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	2I: Survey needed	9	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	61	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	2I: Survey needed	62	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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Todd Lewis : Examiner

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9	Available	5B: Maintain for regeneration purposes	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	2I: Survey needed	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Available	2I: Survey needed	20	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Todd Lewis : Examiner

Compartment: 24
Year of Entry: 2026

16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	39	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	47	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
 Todd Lewis : Examiner

Compartment: 24
 Year of Entry: 2026

22	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Available	5B: Maintain for regeneration purposes	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
 Todd Lewis : Examiner

Compartment: 24
 Year of Entry: 2026

28	Available	2I: Survey needed	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	2I: Survey needed	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Available	2I: Survey needed	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Todd Lewis : Examiner

Compartment: 24
Year of Entry: 2026

48	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
50	Unavailable	5E: Long-Term Retention	2	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
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
2	4125 - Black, N. Pin Oak	Poletimber Well	40.0	65	1-50	N/A	Stand was harvested as part of "UFO Oak and Aspen" (63-034-16 (2)). Cut in 2022.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>45</td> <td>Pole</td> <td>8</td> <td>65</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Oak</td> <td>15</td> <td>Pole</td> <td>8</td> <td>65</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Sapling</td> <td>1</td> <td>2</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	45	Pole	8	65	Red Maple	15	Sapling	1		White Oak	15	Pole	8	65	Bigtooth Aspen	25	Sapling	1	2	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Medium	5 - 10 feet	Sapling	Witch Hazel	Low	Variable	Tall Shrub	White Oak	Low	< 5 feet	Seeding	White Pine	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	Medium	< 5 feet	Seeding
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3	42101 - Planted White Pine, Mixed Deciduous	Poletimber Well	8.3	65	111-140	N/A	Stand planted FTP #46 (July, 1959).																																													
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4	4131 - Aspen, Oak	Sapling Well	24.1	25	Unspecified	N/A	Stand treated timber sale #63-014-96-01, "Turkey Hill Sale". Cut in 1999.																																													
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5	4126 - White, Black, N. Pin Oak	Sawtimber Well	3.3	100	111-140	N/A	A lot of habitat value with old dying aspen.																																													
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6	4131 - Aspen, Oak	Sapling Well	7.0	28	Unspecified	N/A	Stand treated timber sale #63-017-94-01, "March Madness Removal". Cut in 1996.																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
7	4130 - Aspen	Poletimber Well	20.3	37	51-80	N/A	Stand treated timber sale #63-002-86-01, "Little Jewel". Cut in 1987.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		15	Sapling/Pole	4		Witch Hazel	
White Pine		5	Log/Pole	16		White Pine	
Bigtooth Aspen		80	Pole/Sapling	7	37	Low 10 - 20 feet Sapling	
9	4199 - Other Mixed Upland Deciduous	Sapling Well	9.9	24	1-50	N/A	Stand is a mix of oak, aspen, and red maple. Previous plantings have failed. Stand re-planted to red pine per FTP# 47 (July, 1959). Stand planted to jack pine per FTP# 27 (September, 1950). Stand treated timber sale #63-014-96-01, "Turkey Hill Sale".
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		15	Sapling/Pole	2			
Black/Red (Hybrid) Oak		55	Sapling/Pole	1	24		
Bigtooth Aspen		30	Sapling/Pole	3			
10	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Well	9.7	65	141-170	N/A	Stand was treated (3rd row thin) in Winter 2018 as part of sale # "63-035-16", "Two Dollar Pine". Planted red pine per FTP# 47, (July, 1959). Western stand was not treated along with the rest of the stand. 3rd row thin with the white pine (stand 3) that has a treatment.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Oak		5	Log/Pole	16		Red Maple	
Black/Red (Hybrid) Oak		30	Log/Pole	14		Black Cherry	
Jack Pine		5	Pole/Log	8		Witch Hazel	
						Low 5 - 10 feet Sapling	
						Low Variable Tall Shrub	
11	42110 - Planted Red Pine	Poletimber Well	9.3	62	141-170	N/A	Stand planted to red pine in 1962. FTP could not be found but current core confirms age. Stand was thinned at some point in the past.
Canopy Species		% Cover	Size Class	DBH	Age		
Black/Red (Hybrid) Oak		10	Log/Pole	12			
Red Pine		90	Pole/Log	8	62		
12	3102 - Grass	Nonstocked	2.8		Unspecified	Managed Opening	Wildlife opening.
13	4124 - Red with White Oak	Sawtimber Well	3.4	105	81-110	N/A	Small pockets left out of surrounding treatment.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Oak		30	Log/Pole	10		Red Maple	
Red Oak		60	Log/Pole	12	105	White Pine	
Red Maple		10	Pole/Log	7		Witch Hazel	
						Medium 10 - 20 feet Sapling	
						Low 10 - 20 feet Sapling	
						Low Variable Tall Shrub	
14	42141 - Planted Mixed Pine, Mixed Deciduous	Poletimber Medium	7.2	62	1-50	N/A	Stand planted 1952. FTP could not be found but current core confirms age.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		30	Log/Pole	12		Black Cherry	
White Pine		5	Log/Pole	10		Jack Pine	
Jack Pine		45	Pole/Log	8	62	Red Pine	
Red Pine		20	Pole/Log	8		Low 10 - 20 feet Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
15	4131 - Aspen, Oak	Sapling Well	42.9	27	Unspecified	N/A	Stand treated timber sale #63-014-96-01, "Turkey Hill Sale". Cut in 1997.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling/Pole	3	
White Oak	10	Sapling	1	
Bigtooth Aspen	60	Sapling/Pole	4	27
Black/Red (Hybrid) Oak	25	Sapling	1	

16	4126 - White, Black, N. Pin Oak	Sawtimber Well	29.4	105	111-140	N/A	Pocket of grape vines to the north of center portion of stand, south of private property.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	40	Pole/Log	8		White Pine	Low	5 - 10 feet	Sapling
Bigtooth Aspen	10	Log/Pole	10		Red Pine	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	40	Log/Pole	14	105	Witch Hazel	Low	Variable	Tall Shrub
Red Pine	5	Log/Pole	14		Sassafras	Low	Variable	Tall Shrub
Red Maple	5	Pole/Log	8		Red Maple	Low	10 - 20 feet	Sapling

17	4199 - Other Mixed Upland Deciduous	Sapling Well	15.5	29	1-50	N/A	Stand treated timber sale #63-014-96-01, "Turkey Hill Sale".
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling/Pole	3	
White Pine	5	Pole	6	
Bigtooth Aspen	30	Sapling/Pole	4	
Black/Red (Hybrid) Oak	50	Sapling/Pole	3	29
Sassafras	5	Sapling/Pole	1	

18	42220 - Natural Jack Pine	Sapling Well	16.5	17	Immature	N/A	Stand treated timber sale #63-044-06-01, "Sawarock Pine". Cut in 2007. Excellent jack pine regen.
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Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	85	Sapling	2	17
Black/Red (Hybrid) Oak	10	Sapling	1	
Black Cherry	5	Sapling	1	

19	3302 - Low Density Conifer Trees	Nonstocked	17.8		Unspecified	4211 - Planted Red Pine	Stand planted to Red Pine in 2022.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	100	Sapling	1	3	Red Pine	Medium	< 5 feet	Seeding

20	4131 - Aspen, Oak	Sapling Well	15.2	4	Immature	N/A	Stand was treated in 2020 as part of timbersale "UFO Oak and Aspen" (63-014-16 (2)). Clearcut aspen and red maple, shelterwood for the oak.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	25	Sapling	1	4	Autumn Olive	Low	Variable	Tall Shrub
Red Oak	25	Log/Pole	14	115	White Oak	Trace	< 5 feet	Sapling
Bigtooth Aspen	50	Sapling	1	4	Red Oak	Trace	< 5 feet	Sapling
					Red Maple	High	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
21	6229 - Mixed lowland shrub	Nonstocked	1.1		Unspecified	No																																																										
22	4125 - Black, N. Pin Oak	Sawtimber Well	62.0	65	51-80	N/A	Stand treated timber sale #63-012-96-01, "Fallen Fawn Oak". Cut in 1997. Sale specs: Do not cut any oak greater than 10" DBH. Cut all red maple, aspen, red pine, white pine, and jack pine.																																																									
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23	4125 - Black, N. Pin Oak	Poletimber Well	19.6	37	1-50	N/A	Stand treated timber sale #63-004-86-01, "23 Strip". Cut in 1987.																																																									
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24	4131 - Aspen, Oak	Sapling Well	88.3	15	Unspecified	N/A	Stand treated timber sale #63-065-07-01, "Out the door oak". Cut in 2009.																																																									
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White Pine	Low	< 5 feet	Sapling																																																													
26	110 - Low Intensity Urban	Nonstocked	5.3		Unspecified	No	King's Highway.																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
28	4123 - Red Oak	Sawtimber Poor	12.2	115	1-50	N/A	Stand treated timber sale #63-065-07-01, "Out the door oak". Cut in 2009. Specs for this stand were: Cut all aspen, pine, red maple and trees marked with orange paint.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Oak		15	Log/Pole	10		Red Maple	
Red Oak		85	Log/Pole	12	115	Bigtooth Aspen	
						Density	Avg. Height
						High	10 - 20 feet
						Medium	10 - 20 feet
							Size
							Sapling
							Sapling
29	4139 - Aspen, Mixed Deciduous	Poletimber Well	7.6	48	Unspecified	N/A	Stand planted to red pine per FTP#63-637 in an oak weave pattern (spacing 8.5' X 7'). Stand treated timber sale #63-023-76-01.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Pole	5		Black Cherry	
Jack Pine		15	Pole/Log	8		Jack Pine	
Black Cherry		5	Sapling/Pole	4		Witch Hazel	
Bigtooth Aspen		55	Pole	6	48	Red Pine	
Black/Red (Hybrid) Oak		15	Sapling	4			
						Density	Avg. Height
						Medium	< 5 feet
						Low	< 5 feet
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						Low	< 5 feet
							Size
							Sapling
							Seeding
							Seeding
							Tall Shrub
							Seeding
30	4126 - White, Black, N. Pin Oak	Sawtimber Well	6.7	115	111-140	N/A	Few scattered red pine averaging 8" DBH.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		5	Pole/Log	7		White Pine	
Black/Red (Hybrid) Oak		60	Log/Pole	12	115		
White Oak		35	Pole/Log	8			
						Density	Avg. Height
						Full	10 - 20 feet
							Size
							Sapling
31	4199 - Other Mixed Upland Deciduous	Sapling Well	14.7	28	1-50	N/A	Stand treated timber sale #63-009-96-01, "24th Street Curve Oak". Cut in 1996.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Oak		5	Log	10			
White Pine		5	Sapling/Pole	2			
Black/Red (Hybrid) Oak		10	Log	12			
Red Maple		35	Sapling/Pole	4	28		
Black/Red (Hybrid) Oak		30	Sapling	2			
White Oak		15	Sapling	2			
32	4139 - Aspen, Mixed Deciduous	Poletimber Medium	13.6	34	Unspecified	N/A	Stand treated timber sale #63-020-86-01, "Towerline 13".
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		20	Sapling/Pole	4			
Black Cherry		10	Sapling/Pole	3			
Black/Red (Hybrid) Oak		15	Sapling/Pole	3			
White Pine		5	Pole/Sapling	5			
Bigtooth Aspen		50	Pole/Sapling	5	34		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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33 4126 - White, Black, N. Pin Oak Sawtimber Well 8.6 115 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	55	Log/Pole	10	115	Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
White Oak	20	Pole/Log	8		Red Maple	Medium	5 - 10 feet	Sapling
Red Maple	10	Pole/Log	8		White Pine	Low	10 - 20 feet	Pole
Bigtooth Aspen	15	Pole/Log	9					

34 4131 - Aspen, Oak Poletimber Well 24.4 46 81-110 N/A Stand treated timber sale #17-76A. Cut in 1978.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	25	Pole/Sapling	6		Red Oak	Low	< 5 feet	Sapling
Red Oak	20	Pole/Sapling	5		Witch Hazel	Medium	Variable	Tall Shrub
Paper Birch	5	Pole/Sapling	5					
Bigtooth Aspen	50	Pole/Log	9	46				

35 4126 - White, Black, N. Pin Oak Sawtimber Well 6.8 115 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	35	Log/Pole	10		White Pine	Medium	10 - 20 feet	Tall Shrub
Black/Red (Hybrid) Oak	65	Log/Pole	12	115	Witch Hazel	Medium	Variable	Tall Shrub
					Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
					Red Maple	Low	10 - 20 feet	Sapling

36 4310 - Pine, Oak Mix Sapling Well 76.8 16 1-50 N/A Stand planted to red pine per FTP #C63-637. Small amount of jack pine planted in frost pockets. Stand treated timber sale #63-008-96-01, "Whispering Winds Removal". Cut in 1997.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	30	Sapling	3	16	Red Pine	High	< 5 feet	Sapling
Red Maple	10	Sapling/Pole	3		Jack Pine	Low	< 5 feet	Seeding
Black/Red (Hybrid) Oak	25	Sapling/Pole	1		Witch Hazel	High	Variable	Tall Shrub
Bigtooth Aspen	20	Sapling/Pole	4	27	Sassafras	Low	10 - 20 feet	Sapling
White Pine	10	Sapling/Pole	3					
Jack Pine	5	Sapling/Pole	3					

Few scattered log/pole white and red pine.

37 4125 - Black, N. Pin Oak Sawtimber Well 8.4 115 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Log	8		White Pine	Low	10 - 20 feet	Sapling
Bigtooth Aspen	20	Log/Pole	12		Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
White Oak	15	Pole/Log	7					
Black/Red (Hybrid) Oak	55	Log/Pole	11	115				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
38	4131 - Aspen, Oak	Poletimber Well	20.4	45	51-80	N/A	Stand treated timber sale # 1-1979. Cut in 1979.																																					
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39	4199 - Other Mixed Upland Deciduous	Sapling Poor	39.3	18	Immature	N/A	Stand treated timber sale #63-078-06-01, "Fire Starters. Stand prescribed burn pre-harvest 05/24/2006. Few overstory, log-sized oak. Some oak and red maple stump sprouts to 5'.																																					
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40	4131 - Aspen, Oak	Sapling Well	33.8	28	Unspecified	N/A	Stand treated timber sale #63-009-96-01, "24th Street Curve Oak". Cut in 1996.																																					
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41	4139 - Aspen, Mixed Deciduous	Poletimber Well	56.6	36	Unspecified	N/A	Stand treated timber sale #63-020-86-01, "Towerline 13". Cut in 1988.																																					
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42	4126 - White, Black, N. Pin Oak	Sawtimber Well	6.0	115	141-170	N/A																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
43	330 - Low-Density Trees	Nonstocked	33.9	0	Unspecified	4121 - Oak, Aspen	Western half of stand was treated in Summer 2017 with timber sale # "63-040-16", "32nd & Cedar". Eastern half was treated in Fall 2021.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Red Maple	Medium	< 5 feet	Sapling	
								Black/Red (Hybrid) Oak	Low	>20 feet	Log	
White Oak	Low	>20 feet	Log									
44	4139 - Aspen, Mixed Deciduous	Sapling Well	43.3	28	Unspecified	N/A	Stand treated timber sale #63-011-96-01, "Sun Dog Strips". Cut in 1996.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Maple	20	Sapling/Pole	2	
								Bigtooth Aspen	50	Sapling/Pole	4	28
								Black/Red (Hybrid) Oak	15	Sapling/Pole	2	
Black Cherry	15	Sapling/Pole	1									
45	4133 - Aspen, Mixed Pine	Poletimber Well	22.3	37	81-110	N/A	Stand planted to red pine per FTP#63-637 in an oak weave pattern (spacing 8.5' X 7'). Small amount of jack pine planted in frost pockets. Stand treated timber sale #63-003-86-01, "Nirvana North". Cut in 1987. Stand age was changed to 37 years (2024) to reflect old cutting record.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Jack Pine	5	Sapling/Pole	3	
								Black Cherry	5	Sapling/Pole	3	
								Black/Red (Hybrid) Oak	10	Sapling	3	
								Bigtooth Aspen	40	Pole	7	37
								Red Pine	10	Sapling	3	16
								White Pine	8	Pole/Log	8	
								Red Maple	22	Pole	5	
								46	4126 - White, Black, N. Pin Oak	Sawtimber Well	3.9	115
Canopy Species	% Cover	Size Class	DBH	Age								
White Oak	30	Pole/Log	8									
Black/Red (Hybrid) Oak	50	Log/Pole	10	115								
White Pine	15	Log/Pole	10									
Red Maple	5	Pole/Log	7									
Sub-Canopy Species	Density	Avg. Height	Size									
Red Maple	Low	10 - 20 feet	Sapling									
White Pine	High	10 - 20 feet	Sapling									
47	4199 - Other Mixed Upland Deciduous	Sapling Well	17.7	26	1-50	N/A	Stand treated timber sale #63-010-96-01, "Red Oak Hills". Cut in 1998.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Bigtooth Aspen	30	Sapling/Pole	4	
								Black/Red (Hybrid) Oak	20	Sapling/Pole	2	
								Red Maple	45	Sapling/Pole	4	26
								White Oak	5	Sapling/Pole	2	
Sub-Canopy Species	Density	Avg. Height	Size									
Witch Hazel	Medium	Variable	Tall Shrub									
48	42110 - Planted Red Pine	Sawtimber Well	10.6	67	81-110	N/A	Stand treated timber sale #63-064-07-01, "Rubiks Red". Cut in 2007. Third row thinned. Stand planted per FTP #1, 1957.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Pine	100	Log/Pole	12	67
								Sub-Canopy Species	Density	Avg. Height	Size	
Bigtooth Aspen	Medium	< 5 feet	Sapling									
Red Maple	High	< 5 feet	Sapling									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
49	330 - Low-Density Trees	Nonstocked	22.2	0	Unspecified	4191 - Mixed Upland Deciduous with Conifer	Stand was treated in Winter 2021 with timber sale # "63-040-16", "32nd & Cedar".																																																	
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50	4126 - White, Black, N. Pin Oak	Sawtimber Well	5.1	115	111-140	N/A	Northern portion of the stand across the road is steep.																																																	
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51	4116 - Mixed N. Hardwood - Aspen	Sapling Well	22.0	14	1-50	N/A	Stand treated timber sale #63-065-06-01, "Fruiting Fungi". Cut in 2010.																																																	
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53	4122 - Oak, Pine	Sapling Well	12.0	14	1-50	N/A	Stand treated timber sale #63-046-06-01, "Apple Jack". Cut in 2010.																																																	
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54	4126 - White, Black, N. Pin Oak	Sawtimber Well	33.4	112	1-50	N/A	Stand treated timber sale #63-010-96-01, "Red Oak Hills". Cut in 1998.																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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55 4124 - Red with White Oak Sawtimber Medium 46.1 115 51-80 N/A Stand treated timber sale #63-010-96-01, "Red Oak Hills". Cut in 1998.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole/Log	8		Witch Hazel	Medium	Variable	Tall Shrub
Red Oak	60	Log/Pole	12	115	Red Maple	Medium	5 - 10 feet	Sapling
White Oak	25	Log/Pole	10		Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling

56 4199 - Other Mixed Upland Deciduous Poletimber Well 22.3 48 1-50 N/A Stand treated timber sale #2-75, I-30. Cut in 1976.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log/Pole	10	95	Red Maple	Medium	< 5 feet	Sapling
White Oak	2	Log/Pole	10		White Pine	Low	< 5 feet	Sapling
White Oak	3	Pole/Log	5		Witch Hazel	Medium	Variable	Tall Shrub
Black/Red (Hybrid) Oak	5	Log/Pole	12					
Black/Red (Hybrid) Oak	5	Pole/Log	5					
White Pine	2	Pole/Log	5					
Red Maple	40	Pole/Sapling	5					
Red Pine	3	Log/Pole	12					
Bigtooth Aspen	35	Pole/Sapling	6	48				

57 4130 - Aspen Sapling Well 14.6 14 Immature N/A Stand treated timber sale #63-065-06-01, "Fruiting Fungi". Cut in 2010.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	5	Sapling	1	
Red Maple	20	Sapling	2	
Bigtooth Aspen	75	Sapling	2	14

58 4124 - Red with White Oak Sawtimber Medium 27.3 115 81-110 N/A Stand treated timber sale #63-007-96-01. Cut in 1996.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	1	Pole/Log	8		White Pine	Low	5 - 10 feet	Sapling
Red Pine	5	Log/Pole	10		Witch Hazel	Medium	Variable	Tall Shrub
Bigtooth Aspen	5	Pole	7		Bigtooth Aspen	Low	5 - 10 feet	Sapling
Jack Pine	4	Pole/Log	9		Red Maple	High	10 - 20 feet	Sapling
Red Oak	55	Log/Pole	12	115				
Red Maple	10	Pole/Log	8					
White Oak	20	Log/Pole	10					

59 6129 - Mixed Coniferous Lowland Forest Poletimber Well 12.9 90 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	25	Pole/Log	8		Red Maple	Low	10 - 20 feet	Sapling
White Pine	20	Log/Pole	12					
Red Maple	5	Pole/Log	9					
Hemlock	45	Pole/Log	8	90				
Bigtooth Aspen	5	Pole/Log	7					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
60	4130 - Aspen	Poletimber Well	50.7	48	81-110	N/A	Stand treated timber sale #24-75A, I-30. cut in 1976.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		20	Pole/Sapling	7		White Pine	Low	10 - 20 feet	Sapling
Bigtooth Aspen		65	Pole/Log	9	48	Hawthorn (ssp.)	Low	Variable	Tall Shrub
Black/Red (Hybrid) Oak		10	Pole/Sapling	6		Red Maple	Low	5 - 10 feet	Sapling
Black Cherry		5	Pole/Sapling	6		Black Cherry	Low	5 - 10 feet	Sapling
						Witch Hazel	Medium	Variable	Tall Shrub
61	4124 - Red with White Oak	Sawtimber Medium	38.2	115	51-80	N/A	Stand treated timber sale #63-007-96-01, "Cattle Crossing Sale". Cut in 1996.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak		25	Log/Pole	10		Witch Hazel	Medium	Variable	Tall Shrub
Bigtooth Aspen		5	Pole	7		Bigtooth Aspen	Low	5 - 10 feet	Sapling
Red Oak		60	Log/Pole	12	115	White Pine	Low	5 - 10 feet	Sapling
Red Maple		10	Pole/Log	8		Red Maple	High	10 - 20 feet	Sapling
62	3102 - Grass	Nonstocked	2.0		Unspecified	No	Old wildlife field.		
63	4131 - Aspen, Oak	Poletimber Well	19.4	48	111-140	N/A	Stand treated timber sale #27-75A, I-30. Cut in 1976. Stand is wet with many swamps and vernal ponds throughout. Potential Japanese Barberry present - Baldwin Forest Health Specialist notified May 2024.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		1	Log/Pole	13		Witch Hazel	High	Variable	Tall Shrub
Paper Birch		2	Pole/Sapling	6		Musclewood/Hornbeam	Medium	Variable	Tall Shrub
Black Cherry		10	Log/Pole	11		White Pine	Low	5 - 10 feet	Sapling
White Pine		7	Log/Pole	12					
Red Maple		20	Pole/Sapling	7					
Quaking Aspen		40	Pole/Log	9	48				
Black/Red (Hybrid) Oak		20	Log/Pole	12					
64	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	5.2	90	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age				
White Pine		20	Log/Pole	10					
Northern White Cedar		30	Pole/Log	8					
Hemlock		40	Pole/Log	8	90				
Red Maple		10	Pole/Log	9					
65	6112 - Lowland Aspen	Poletimber Well	6.2	36	51-80	N/A	Stand treated timber sale #63-019-86-01, "Sanborn Creek 25". Cut in 1988.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		29	Pole/Sapling	6		Musclewood/Hornbeam	Medium	Variable	Tall Shrub
Bigtooth Aspen		60	Pole/Sapling	7	36	Tag Alder	Medium	Variable	Tall Shrub
Black/Red (Hybrid) Oak		10	Pole/Sapling	5					
Black Cherry		1	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
66	42110 - Planted Red Pine	Poletimber Well	2.5	67	81-110	N/A	Stand was treated (3rd row thin) in Fall 2017 as part of sale # "63-035-16", "Two Dollar Pine". Stand planted 1957. FTP could not be found for this stand but age matches other red pine plantings in this section.																																																		
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67	4130 - Aspen	Poletimber Well	62.4	36	1-50	N/A	Stand treated timber sale #63-007-86-01, "Cherry Valley Queen". Cut in 1988.																																																		
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68	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	56.0	90	81-110	N/A	Portions of the stand around the creek are 0-25% cover and are mainly grass and alder.																																																		
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69	42140 - Planted Mixed Pine	Sapling Poor	32.4	15	Immature	N/A	Stand treated timber sale #63-046-06-01, "Apple Jack". Cut in 2009. Some overstory oak and white pine poles left. Powerline run through eastern portion of stand.																																																		
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70	42110 - Planted Red Pine	Poletimber Well	9.0	61	141-170	N/A	Stand was treated (mark to remove 1/3rd) in Spring 2018 as part of sale # "63-035-16", "Two Dollar Pine". Stand also treated with timber sale #63-046-06-01, "Apple Jack" in 2009. Stand planted in 1963. FTP could not be found.																																																		
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71	6112 - Lowland Aspen	Poletimber Well	57.2	36	51-80	N/A	Stand habitat cut per FTP #W-63-346. Removal of remaining aspen and red maple from timber sale. Stand treated timber sale #63-019-86-01, "Sanborn Creek 25". Stand is to wet for additional treatments.																																										
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72	4126 - White, Black, N. Pin Oak	Sawtimber Well	8.6	115	81-110	N/A	Trails through stand branching from the private to the south. Many trees cut down.																																										
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74	42311 - Planted Spruce, Mixed Deciduous	Poletimber Medium	5.8	49	1-50	N/A	Stand treated timber sale #63-065-06-01, "Fruiting Fungi". Stand planted per FTP #163, I-30. Second age source was 12 years old in 2024.																																										
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75	4139 - Aspen, Mixed Deciduous	Poletimber Well	23.2	36	51-80	N/A	Stand treated timber sale #63-019-86-01, "Sanborn Creek 25". Cut in 1988.																																										
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77	42110 - Planted Red Pine	Sawtimber Medium	3.6	67	81-110	N/A	Stand treated timber sale #63-064-07-01, "Rubiks Red". Third row thinned. Stand planted to red pine per FTP #15, September 23, 1957. Very fragmented pine with a maple understory. Too low BA for a second thinning.																																													
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78	42110 - Planted Red Pine	Sawtimber Medium	7.2	67	81-110	N/A	Stand treated timber sale #63-064-07-01, "Rubiks Red". Third row thinned 2007. Stand planted to red pine per FTP #15, September 23, 1957.																																													
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79	4199 - Other Mixed Upland Deciduous	Sapling Well	26.5	17	1-50	N/A	Stand treated timber sale #63-048-06-01, "Buzzin Hills". Cut in 2007.																																													
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80	3102 - Grass	Nonstocked	8.5		Unspecified	No	Old wildlife field.																																													
81	42110 - Planted Red Pine	Sawtimber Medium	8.5	67	81-110	N/A	Stand was treated (mark to remove 1/3rd) in Fall 2017 as part of sale # "63-035-16", "Two Dollar Pine". Stand was also treated with timber sale #63-064-07-01, "Rubiks Red" in 2007 (3rd row thin). Stand planted per FTP #1, 1957.																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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82 42290 - Natural Mixed Pine Sapling Well 6.5 15 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	20	Sapling	2	15
White Pine	35	Sapling	2	15
Jack Pine	20	Sapling	2	
Red Pine	20	Sapling	2	
Red Maple	5	Sapling	2	

83 42110 - Planted Red Pine Sawtimber Medium 4.9 67 51-80 N/A Stand planted FTP #1, 1957.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	5	Pole/Log	8		Red Maple	Medium	5 - 10 feet	Sapling
Red Pine	95	Log/Pole	11	67				

84 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 20.2 110 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	15	Pole/Log	9		Hawthorn (spp.)	Low	Variable	Tall Shrub
Hemlock	15	Log/Pole	8		Red Maple	Medium	5 - 10 feet	Log
Red Pine	2	Log/Pole	12		White Pine	Medium	10 - 20 feet	Log
Red Maple	10	Pole/Log	8		Witch Hazel	Low	Variable	Tall Shrub
Bigtooth Aspen	10	Pole/Log	8		Musclewood/Hornbeam	Low	Variable	Tall Shrub
White Oak	2	Log/Pole	10					
Black/Red (Hybrid) Oak	2	Log/Pole	12					
White Pine	44	Log/Pole	14	110				

85 4126 - White, Black, N. Pin Oak Sawtimber Well 34.4 105 51-80 N/A Stand treated timber sale #63-048-06-01, "Buzzin Hills". Cut in 2007.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Log/Pole	10		Witch Hazel	Low	Variable	Tall Shrub
Black/Red (Hybrid) Oak	60	Log/Pole	12	105	Red Maple	High	10 - 20 feet	Sapling
White Oak	35	Log/Pole	10					

86 110 - Low Intensity Urban Nonstocked 3.0 Unspecified No Pipeline.

87 4126 - White, Black, N. Pin Oak Sawtimber Medium 9.3 100 1-50 N/A Stand treated timber sale #63-048-06-01, "Buzzin Hills". cut in 2007. Specs: Cut all trees except all white oak and those with green paint.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	10	Log/Pole	10		Witch Hazel	Medium	Variable	Tall Shrub
White Oak	90	Log/Pole	10	100	Black Cherry	Medium	< 5 feet	Sapling
					Red Maple	High	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
88	42110 - Planted Red Pine	Sawtimber Well	1.8	67	81-110	N/A	Stand was treated (3rd row thin) in Winter 2018 as part of sale # "63-035-16", "Two Dollar Pine". Stand planted per FTP #1, 1957.		
Canopy Species		% Cover	Size Class	DBH	Age				
Black Cherry		10	Pole/Log	8					
Red Pine		90	Log/Pole	10	67				
89	4126 - White, Black, N. Pin Oak	Sawtimber Medium	5.9	105	51-80	N/A	Stand treated timber sale #63-048-06-01, "Buzzin Hills". Cut in 2007.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Log/Pole	10		Red Maple	Medium	10 - 20 feet	Sapling
White Oak		35	Log/Pole	10		Witch Hazel	Low	Variable	Tall Shrub
Black/Red (Hybrid) Oak		60	Log/Pole	12	105				
90	42110 - Planted Red Pine	Sawtimber Poor	10.8	67	1-50	N/A	Small area of planted white pine to northeast. Stand treated timber sale #63-064-07-01, "Rubiks Red". Cut in 2008. Stand burned pre-harvest per FTP#C63-578, completed spring of 2007. Stand planted to red pine per FTP#16, completed 09/21/2014.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		10	Pole/Log	8		Red Pine	Medium	5 - 10 feet	Sapling
Black Cherry		5	Sapling/Pole	8					
Red Pine		80	Log/Pole	11	67				
White Oak		5	Pole	8					
91	4199 - Other Mixed Upland Deciduous	Poletimber Well	9.5	100	81-110	N/A	Stand appears to have been treated but paperwork could not be found. Three acres of aspen to the northwest were combined with the oak due to the small acreage and approximate age of past treatment. White oak: 8-14" 15% at 9 inch and 30% as 14 inches.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak		10	Log/Pole	12		Black Cherry	Low	< 5 feet	Sapling
White Oak		15	Sapling	2		Witch Hazel	Medium	Variable	Tall Shrub
White Oak		30	Log/XLog	14	100	Red Maple	Low	< 5 feet	Sapling
Red Maple		15	Log/Pole	10		White Pine	Medium	5 - 10 feet	Sapling
Bigtooth Aspen		15	Log/Pole	10	50				
White Pine		15	Pole/Log	8					
92	4126 - White, Black, N. Pin Oak	Sawtimber Well	6.3	100	111-140	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak		30	Log/Pole	10		White Pine	High	>20 feet	Sapling
White Pine		15	Pole/Log	8		Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
White Oak		50	Log/Pole	10	100	Witch Hazel	Low	Variable	Tall Shrub
Red Pine		5	Pole/Log	9		Red Maple	Low	5 - 10 feet	Sapling
93	110 - Low Intensity Urban	Nonstocked	5.3		Unspecified	No	40th Street		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
94	4124 - Red with White Oak	Sawtimber Poor	24.6	115	81-110	N/A	Stand was cut in December 2020, sale # "63-041-15", "No Deer Here". Stand was also treated timber sale #63-007-96-01. Cut in 1996.																																																		
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95	4124 - Red with White Oak	Sawtimber Poor	21.0	115	51-80	N/A	Stand was cut in December 2020, sale # "63-041-15", "No Deer Here". Stand was also treated timber sale #63-007-96-01, "Cattle Crossing Sale". Cut in 1996.																																																		
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96	4199 - Other Mixed Upland Deciduous	Sawtimber Well	29.0	115	111-140	N/A	Treat with stand 38 next entry.																																																		
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98	4199 - Other Mixed Upland Deciduous	Poletimber Well	54.9	65	1-50	N/A	Stand treated timber sale #63-012-96-01, "Fallen Fawn Oak". Cut in 1997. Sale specs: Do not cut any oak greater than 10" DBH. Cut all red maple, aspen, red pine, white pine, and jack pine. Stand treated in 2021 with timbersale "UFO Oak and Aspen" (63-034-16 (2)). Seed tree.																																																		
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