



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71018

Entry Year 2026

Acreage: 3,973

County Roscommon

Management Area: High Sand Plains

Stand Examiner: Brian Martell

Legal Description:

T21N R03W Sections 6 and 7
T21N R04W Sections 1, 2, 11, 12 and 14

Identified Planning Goals:

Maintain current age and species diversity in a range of early and late successional ecosystems as determined by the High Sands Plains management area plan.

Soil and topography:

Terrain is generally flat and mostly low ground, with a few higher ridges. Soils on the low ground are Lupton Muck and Rifle Peat. On the high ground it is Saugatuck sand, Newton loamy sand, Au Gres-Kinross sand and Au Gres-deford sand.

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

The entire compartment is under State ownership. There are larger blocks of private ownership on the north end of the compartment and a smaller block on the Eastern boundary.

Unique Natural Features:

Part of the Lost Twin Lakes hiking trail lies in the south end of the compartment. Much of the area around the hiking trails is a SCA and type 2 old growth.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment and one new occurrence that has been reported to archaeology staff.

Special Management Designations or Considerations:

Much of the compartment is part of an Old Growth SCA centered on the riparian corridor of Wolf Creek. Site of the former Waco Flooding and its associated earthen dam.

Watershed and Fisheries Considerations:

Pup Creek and Wolf creek flow through this compartment. Pup lake lies on the NE boundary of this compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for metallic minerals in this part of the state. The closest known active sand/gravel operation is nearly three miles north. Demand for aggregate exists in the area, but potential for sand & gravel development within the compartment appears limited due to the prevalence of wetlands. The closest hydrocarbon production, past or present, is one mile south, in the Headquarters Field. Several oil & gas test wells have been drilled in and around the compartment, but all were dry holes. There has been no recent well permitting activity around the compartment, and there is no current leasing activity involving State-owned oil & gas rights within one mile. Potential for future oil & gas development within the compartment is considered low at this time.

Vehicle Access:

Much of the compartment is inaccessible due to low wet ground and a lack of roads. The portions of the compartment along Waco, Newaygo, Townline, and Rollway roads tend to be higher ground and have good access.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

A mixed variety of dispersed activities occur on the land from hiking, to hunting, trapping to disperse snowmobiling. The only designated recreational system is found in the southeast portion of the compartment; Lost Twin Lakes Pathway.

Fire Protection:

Additional Compartment Information:

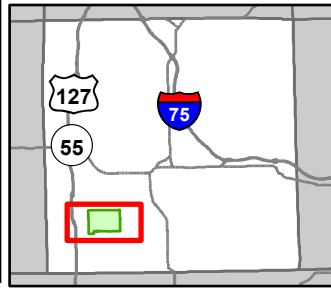
The following reports from the Inventory are attached:

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

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

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

Cover Type & Treatments Map



0 0.5 1 Miles

Compartment: 71018
 T21N, R3W, Sec: 6, 7
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: High Sand Plains
 YOE: 2026
 Acres: 3973.2 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 6/18/2024
 Map Phase: Web Post

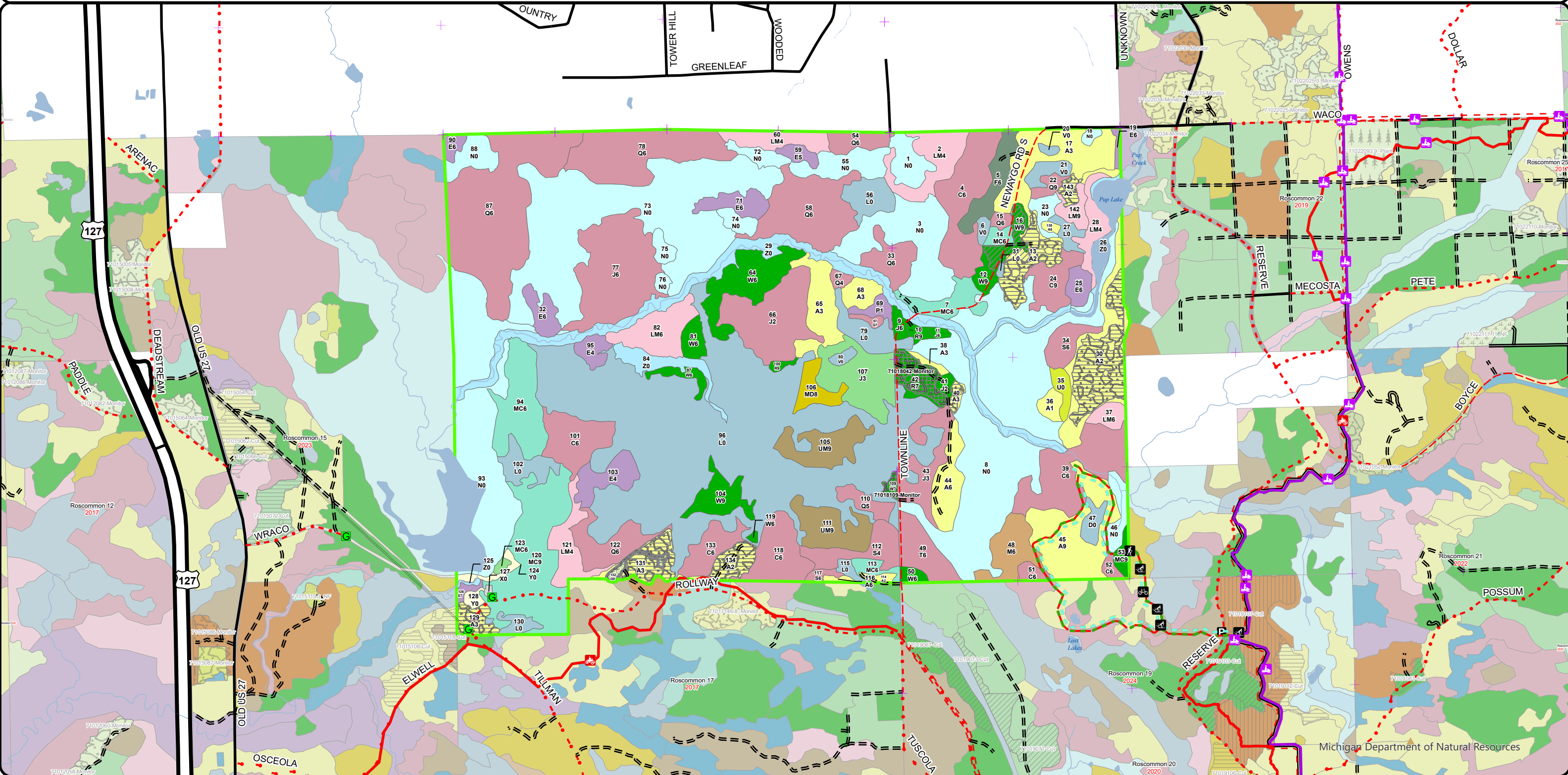
- Berms
- Gate
- Culvert
- Parking Lot
- Trailhead
- Remonumented Section Corners
- Hiking Trails
- Bike Trails
- Ski Trails

- ORV Trails
- Snowmobile Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Counties
- Regeneration Survey
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)

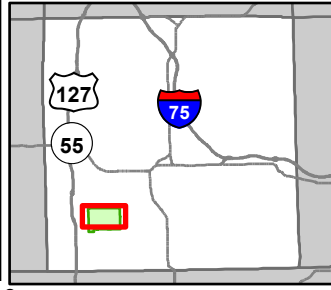
- Thinning (Crown, Low, Systematic)
- Mowing
- Opening Maintenance
- Regeneration Survey
- Other Treatment - See Comments
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines

- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 310 - Herbaceous Openland

- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand/Soil
- Designated Bicycle Trails
- Designated ORV Routes
- Designated Snowmobile Trails
- Designated ATV Trails



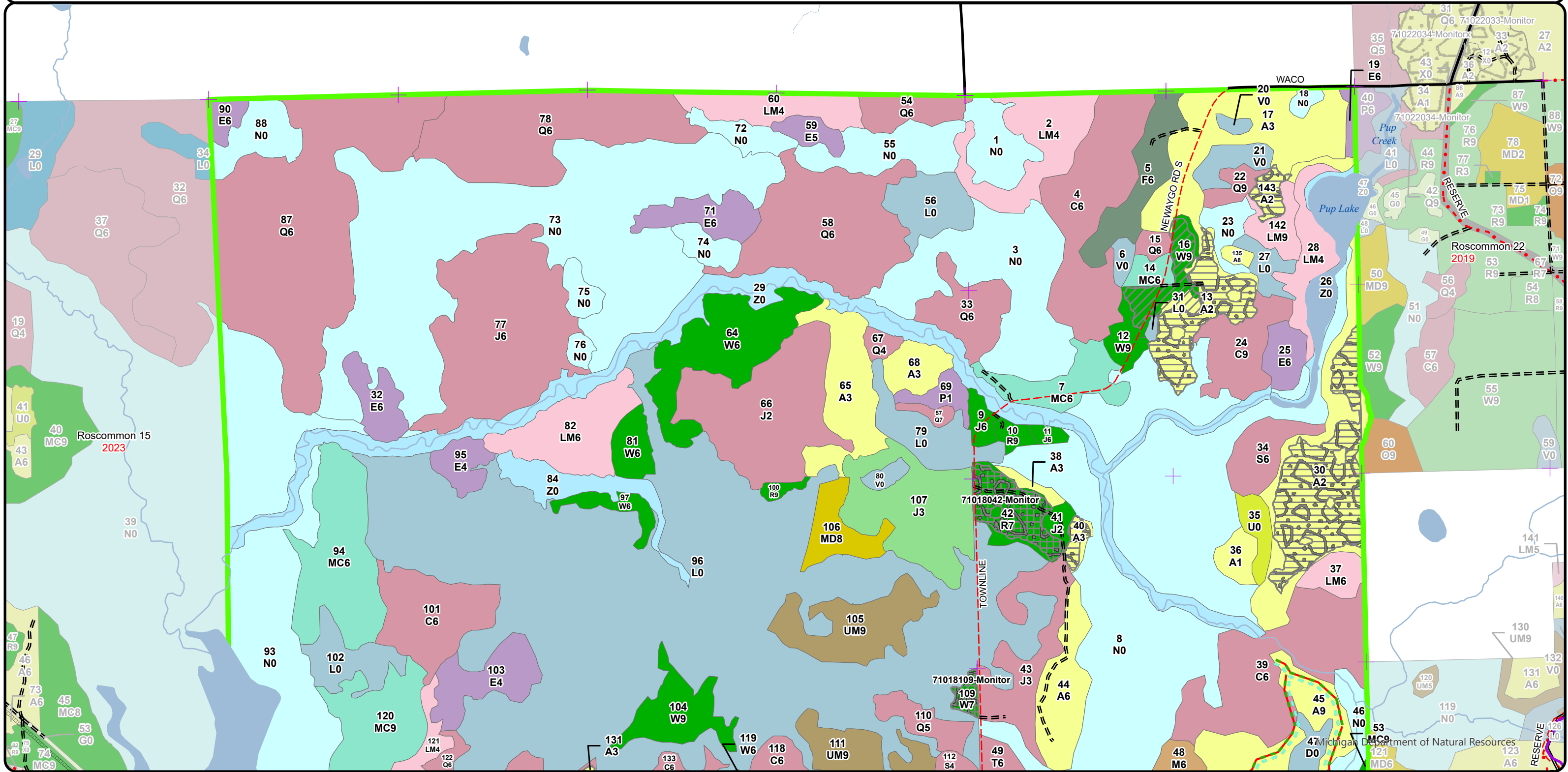
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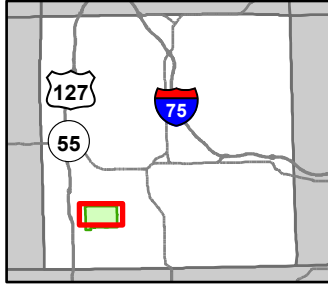


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|---------------------------------------|----------------------|-----------------------------------|---------------------------------|---------------------------|
| Gate | Intermittent Stream | Clearcut (w/Reserves) | 421 - Planted Pines | 330 - Low Density Trees |
| Culvert | Lake/Pond | Seed Tree (w/Reserves) | 422 - Natural Pines | 500 - Water |
| Remonumented Section Corners | Perennial River | Thinning (Crown, Low, Systematic) | 423 - Other Upland Conifers | 622 - Lowland Shrub |
| DNR - Secondary Forest Road | Lakes and Rivers | Regeneration Survey | 429 - Mixed Upland Conifers | 623 - Emergent Wetland |
| DNR - Forest Access Route | Pipeline | Other Treatment - See Comments | 430 - Upland Mixed Forest | Designated Bicycle Trails |
| Federal / State / County - Paved Road | Compartment Boundary | 411 - Northern Hardwood | 611 - Lowland Deciduous Forest | Designated ORV Routes |
| County - Gravel Road | Counties | 413 - Aspen Types | 612 - Lowland Coniferous Forest | |
| County - Dirt Road (Seasonal) | Regeneration Survey | 419 - Mixed Upland Deciduous | 613 - Lowland Mixed Forest | |



Stand Boundary Map

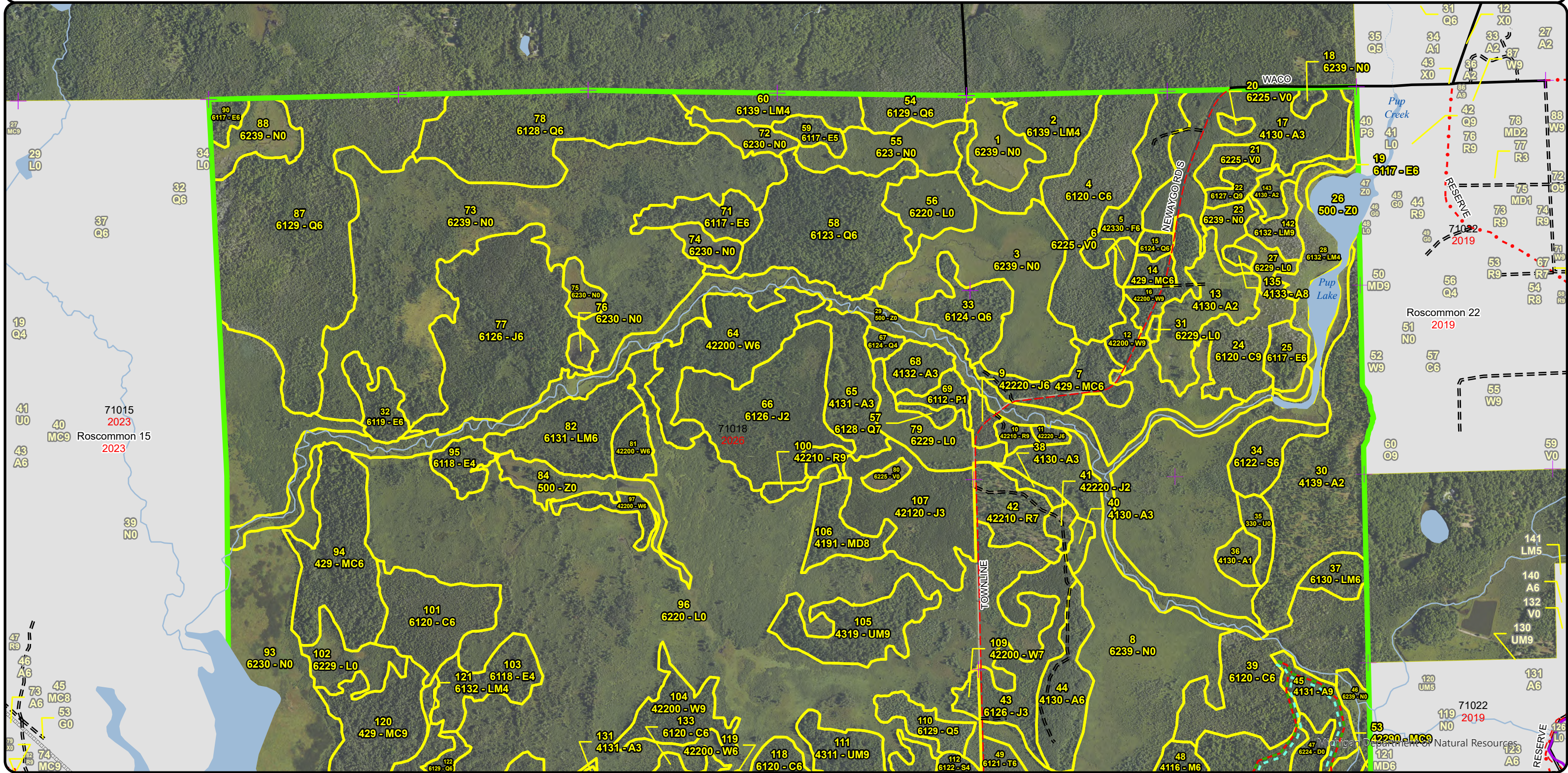
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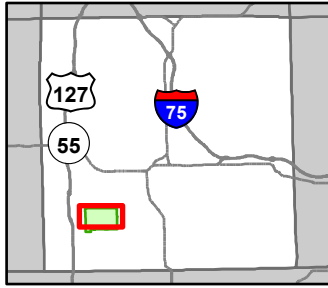
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Special Conservation Areas & Site Conditions Map

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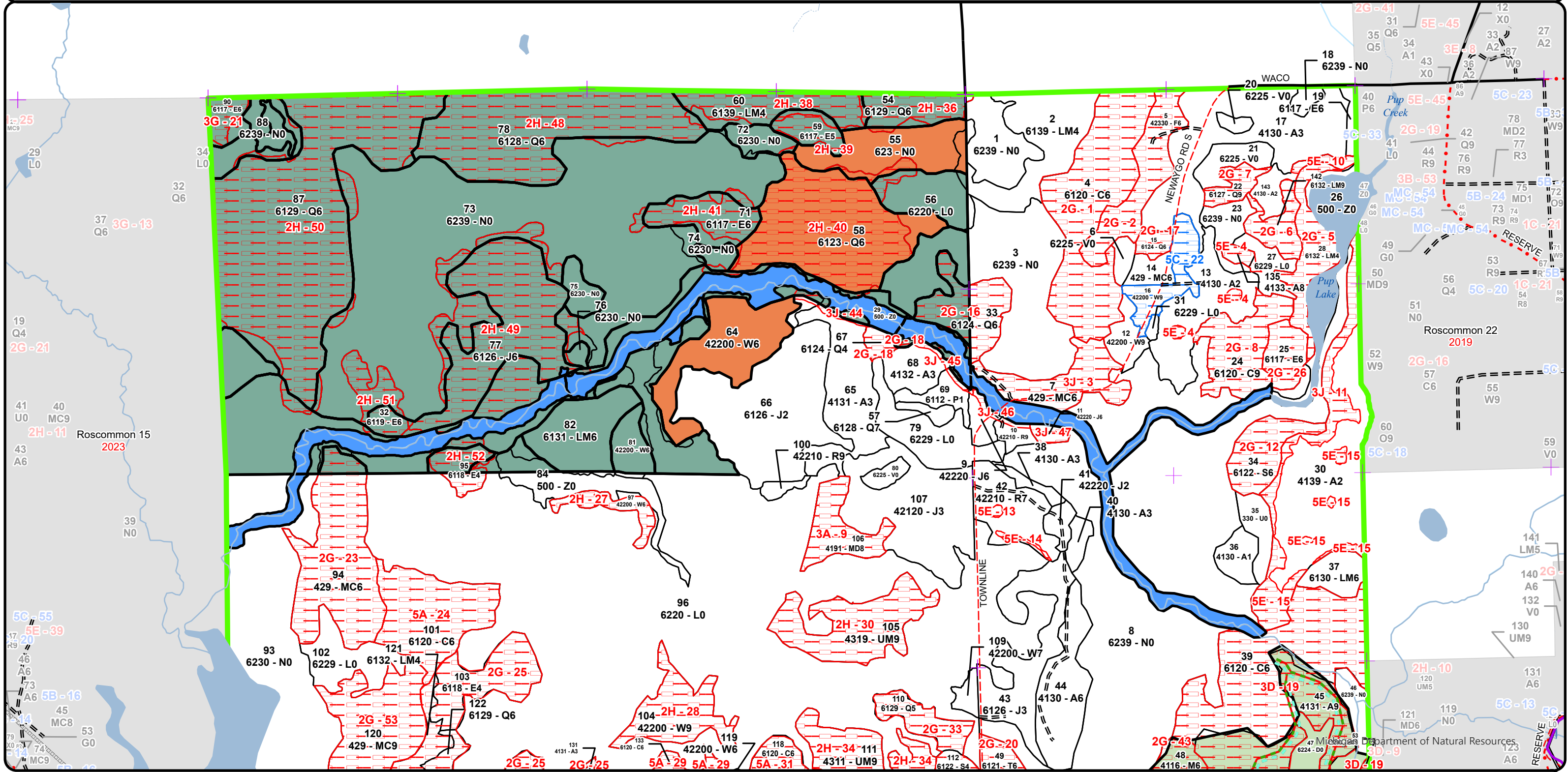


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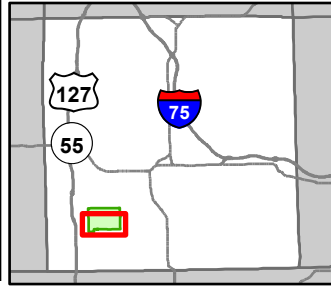
- Pipeline
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- Counties
- SCA
- SCA Removal
- Available w/ Constraints
- Unavailable

- 3G: Other Influence zones - See comments
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Riparian Area
- Vernal Pool
- Other Habitat Area
- Recreational/Scenic Value Area
- Designated Bicycle Trails
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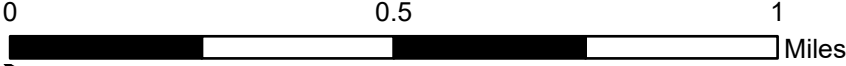
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- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3D: Recreational / Scenic values



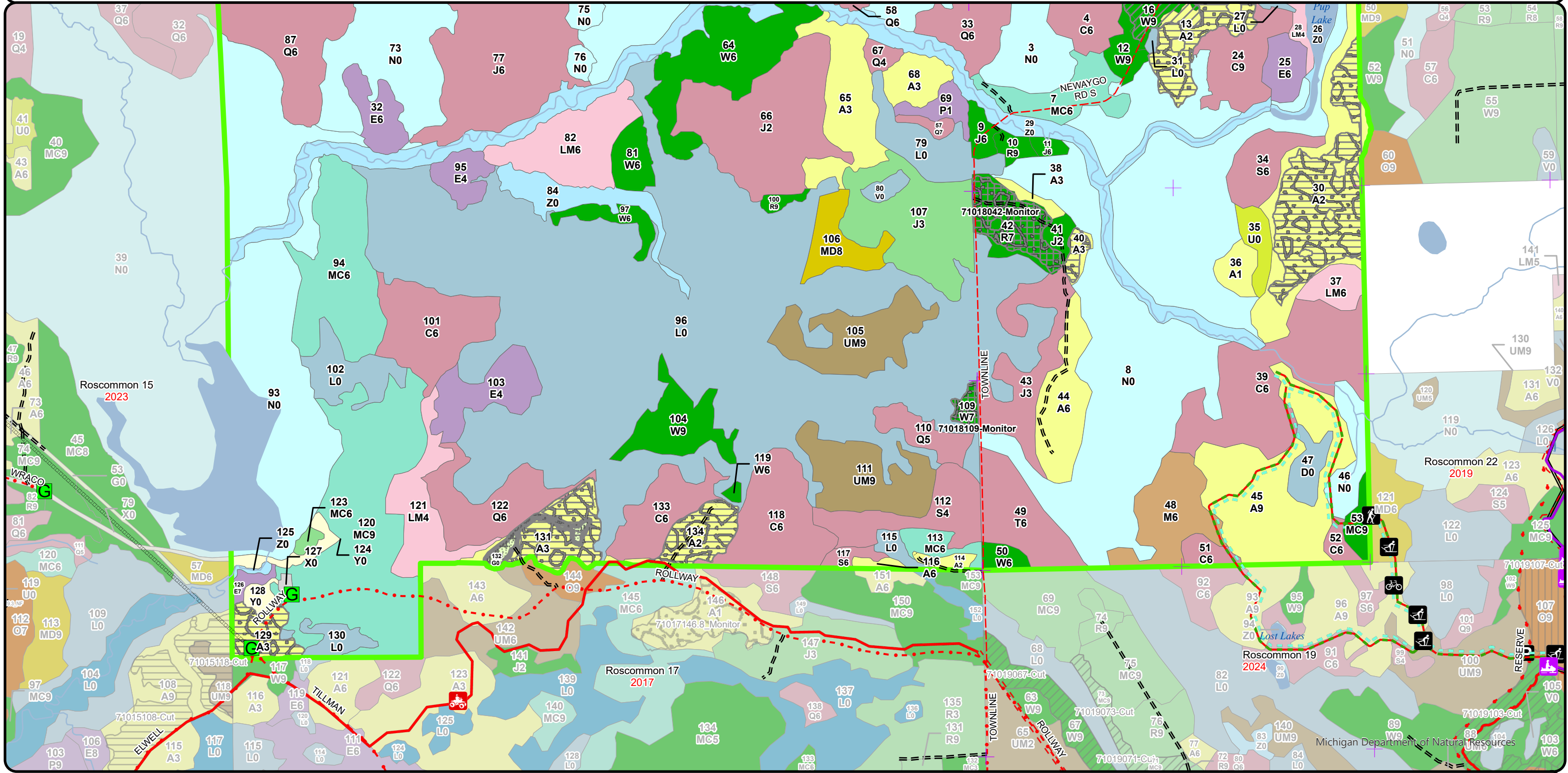
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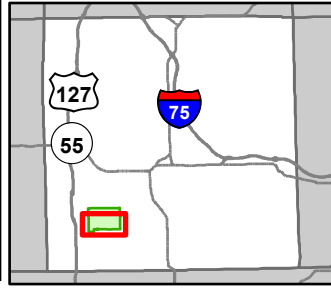
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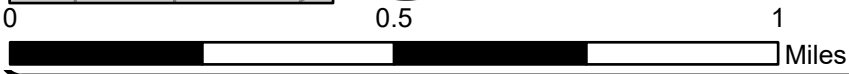
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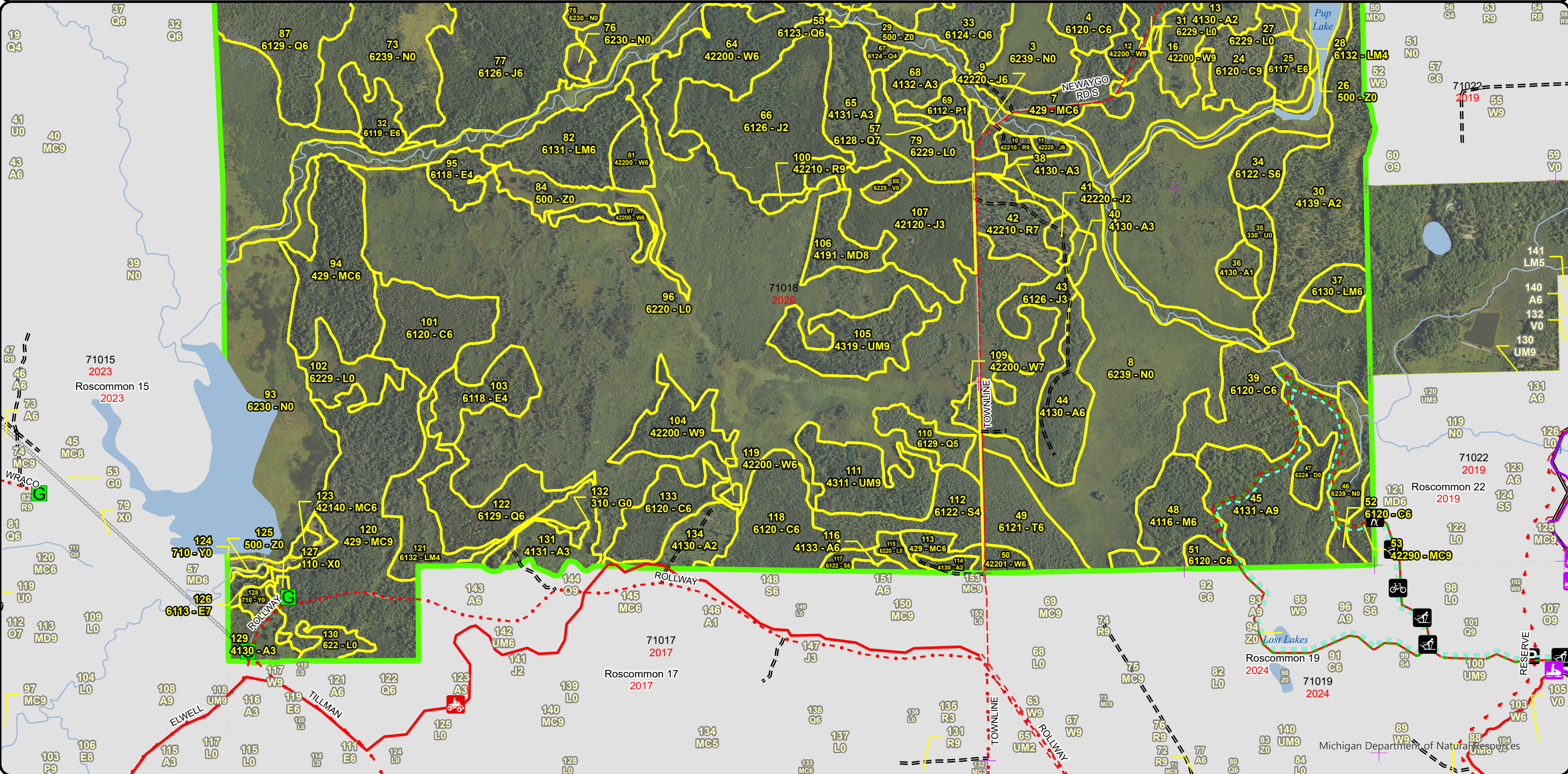
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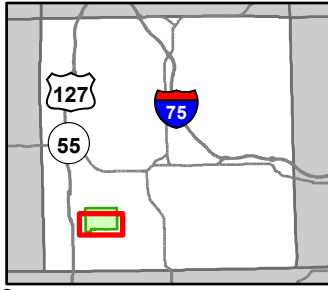


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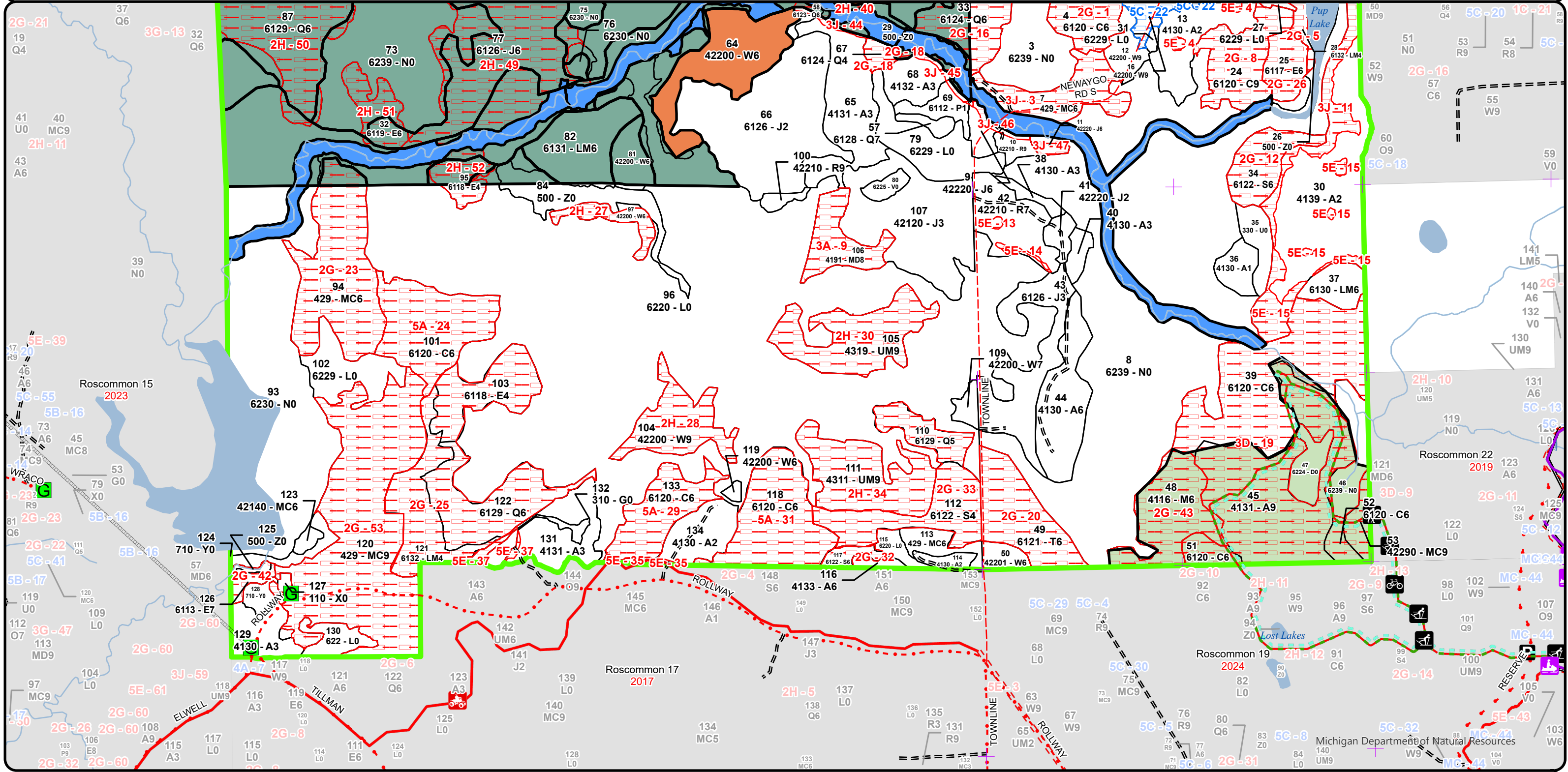
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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	180	63	59	28	2	0	2	0	0	0	70	0	0	0	0	0	0	404
Bog	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Cedar	0	0	0	0	0	0	0	0	0	0	0	232	38	0	0	0	0	0	270
Herbaceous Openland	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Jack Pine	0	0	0	160	0	0	0	0	8	0	97	0	0	0	0	0	0	0	264
Low-Density Trees	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Lowland Aspen/Balsam Poplar	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Lowland Conifers	0	0	0	0	0	0	0	0	7	34	281	74	0	0	15	0	0	0	410
Lowland Deciduous	0	0	0	0	0	0	0	0	14	3	20	58	0	0	0	0	0	0	95
Lowland Mixed Forest	0	0	0	0	0	0	0	20	56	0	49	0	0	0	0	0	0	37	162
Lowland Shrub	656	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	656
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	17	32	0	0	0	0	0	0	49
Marsh	917	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	916
Mixed Upland Deciduous	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	17
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
Northern Hardwood	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	31
Planted Mixed Pines	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Red Pine	0	0	0	0	0	0	0	0	4	3	0	22	0	0	0	0	0	0	29
Sand, Soil	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Tamarack	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	30
Treed Bog	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Upland Conifers	0	0	0	0	0	0	0	28	0	7	0	165	0	0	0	0	0	0	200
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	35	0	0	0	35	0	0	0	70
Upland Spruce/Fir	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	25
Urban	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Water	152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	152
White Pine	0	0	0	0	0	0	0	59	0	0	34	30	0	0	0	0	0	0	123
Total	1777	180	63	227	28	4	17	134	120	77	533	690	38	0	50	0	0	37	3971



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2026

Acres of Harvest

Compartment 18
Total Compartment Acres: 3,973

Commercial Harvest - 16
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	Oversyory Removal	Salvage	Other	Total Acres
Jack Pine	4	0	0	0	0	0	0	0	0	4
Red Pine	0	0	0	0	4	0	0	0	0	4
White Pine	0	0	0	0	8	0	0	0	0	8
Total	4	0	0	0	11	0	0	0	0	16

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	16	0	0	0	0	0	23	0	5	43
Next Step	0	0	0	0	0	0	4	0	5	9
Total	16	0	0	0	0	0	27	0	9	52



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:

9	71018009-Cut	4.3	42220 - Natural Jack Pine	Poletimber Well	75	111- 140	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
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Prescription Clearcut with required bmp buffer used as retention. No chipping on sale, spread and break up tops and slash to promote natural regen.
Specs:

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

Acceptable Natural jack pine with a mix of other species that meets moderate to full stocking.
Regen:

Other Cut with stands 10 and 12
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

10	71018010-Cut	3.5	42210 - Natural Red Pine	Sawtimber Well	75	201+	Harvest	Crown Thinning	42210 - Natural Red Pine	Even-Aged	No
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Prescription Thin down to a target of 140 BA. Focus on removing poor formed and suppressed trees. Also, remove any trees necessary for operability.
Specs: Goal is to open the canopy enough to allow the red pine to put on growth.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

12	71018012-Cut	7.8	42200 - Natural White Pine	Sawtimber Well	105	111- 140	Harvest	Crown Thinning	4220 - Natural White Pine	Even-Aged	No
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Prescription Thin stand down to a target of 80 to 100 BA. Focus on removing poor-formed and suppressed trees. Cut all of the aspen that is starting to
Specs: age out. Goal is to open up the canopy to allow pine to put on more growth and potent get some white pine to seed in the understory.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

132	71018132-NF	4.5	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Headquarters Field #4.
Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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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Approved Treatments:

42	71018042-Monitor	19.0	42210 - Natural Red Pine	Sawtimber Poor	100	1-50	Monitoring	Natural Regen (Re-Inventory)	4221 - Natural Red Pine	Two-Aged	No
<p><u>Prescription</u> Monitor for full stocking of red pine with a mix of other species. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Manage for a fully stocked stand of red pine, white pine and oak. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /1933</p>											
109	71018109-Monitor	3.7	42200 - Natural White Pine	Sawtimber Poor	92	1-50	Monitoring	Natural Regen (Re-Inventory)	42200 - Natural White Pine	Two-Aged	No
<p><u>Prescription</u> Monitor for natural regen of white pine and oak with a mix of other species to full stocking. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> White pine with oak and other pine to full stocking <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2033</p>											

Total Treatment Acreage Proposed: 42.8

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Brian Martell : Examiner

Compartment: 18
 Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres Avail			Dominant Site Conditions									
		With Condition	Not Available		5C	2G	2H	3A	3D	3G	3J	5A	5E	
403	291	0	112	Aspen		0			69		20	0	22	
19	19	0	0	Bog										
271	1	0	270	Cedar		89	0		80			100		
5	5	0	0	Herbaceous Openland										
265	165	0	100	Jack Pine			96				4			
8	8	0	0	Low-Density Trees										
8	7	0	1	Lowland Aspen/Balsam Poplar							1			
411	4	0	407	Lowland Conifers		80	327				0			
96	3	0	93	Lowland Deciduous		37	50			6		0		
162	83	0	79	Lowland Mixed Forest		56	23					0		
656	655	0	1	Lowland Shrub		1	0	0				0	0	
49	1	0	48	Lowland Spruce/Fir		48	0					0		
916	916	0	0	Marsh		0			0		0		0	
17	0	0	17	Mixed Upland Deciduous				17						
7	0	0	7	Natural Mixed Pines					7					
31	0	0	31	Northern Hardwood		31								
2	2	0	0	Planted Mixed Pines										
29	27	0	2	Red Pine							1		1	
10	10	0	0	Sand, Soil										
30	0	0	30	Tamarack		30								
9	9	0	0	Treed Bog					0					
201	14	0	186	Upland Conifers		164					22	0		
70	0	0	70	Upland Mixed Forest		0	70							
25	0	0	25	Upland Spruce/Fir		25								
1	1	0	0	Urban										
152	150	0	1	Water		1	0				0			
122	76	14	32	White Pine	14		31				1			
3,973	2,446	14	1,513	Total Forested Acres	14	563	596	17	157	6	50	101	23	
	62%	0%	38%	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.*

Report 4 – Site Conditions

Roscommon Mgt. Unit

Brian Martell : Examiner

Compartment: 18

Year of Entry: 2026

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	64	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Checked during SBW analysis							
3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	23	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Brian Martell : Examiner

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Year of Entry: 2026

6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3A: Conservation Values incompatible with harvest at this time	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Brian Martell : Examiner

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12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Possibly harvest portion of stand if access is gained for adjacent oak stand - evaluated when adjacent oak stand was set up in the summer							
13	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

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18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	3D: Recreational / Scenic values	157	Unspecified	Unspecified	Unspecified	Unspecified
Comments: SCA. Lost Twin Lakes Foot Trail.							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	3G: Other Influence zones - See comments	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: SCA							
22	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	55	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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24	Unavailable	5A: Not able to obtain desirable regeneration	38	2G: Too wet (sensitive soils, does not include access issues)	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified
Comments: Amount of deer browse will not allow cedar regeneration							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	81	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Surrounded by large expanse of wet ground making road building impossible.							
28	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	24	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: Supercanopy white and red pine mixed with other species. Unable to access for commercial harvest. Allow stand to self-manage.							

Report 4 – Site Conditions

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29	Unavailable	5A: Not able to obtain desirable regeneration	24	2G: Too wet (sensitive soils, does not include access issues)	3L: Other wildlife concerns	Unspecified	Unspecified
Comments: Cedar will not regenerate due to high deer populations. Leave to keep cedar in area.							
30	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	35	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	5A: Not able to obtain desirable regeneration	39	2G: Too wet (sensitive soils, does not include access issues)	3L: Other wildlife concerns	Unspecified	Unspecified
Comments: Will lose cedar component in stand because regeneration of it will not survive high deer numbers in area							
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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34	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	35	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: Supercanopy white and red pine mixed with other species.							
35	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	15	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	23	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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40	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	74	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	17	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
43	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	31	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
44	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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46	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
47	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
48	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	81	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
49	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	97	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
50	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	158	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
51	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	14	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Brian Martell : Examiner

Compartment: 18

Year of Entry: 2026

52	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
53	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	109	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 Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
1	6239 - Mixed Emergent Wetland	Nonstocked	19.7			No	Small stream the flows into Wolf Creek runs through stand.																																															
2	6139 - Mixed Lowland Forest	Poletimber Poor	36.3	75	1-50	N/A																																																
3	6239 - Mixed Emergent Wetland	Nonstocked	77.5			No	Drainage flows through stand and into wolf creek.																																															
4	6120 - Lowland Cedar	Poletimber Well	63.9	100	141-170	N/A	Pole to log sized cedar swamp																																															
<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 Spruce</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>88</td> <td>Pole/Log</td> <td>9</td> <td>100</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	5	Pole	8		Balsam Fir	5	Pole	6		Northern White Cedar	88	Pole/Log	9	100	Paper Birch	2	Pole	6		<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>Balsam Fir</td> <td>Full</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Full	Variable	Sapling																		
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Balsam Fir	Full	Variable	Sapling																																																			
5	42330 - Upland Fir	Poletimber Well	25.2	60	81-110	N/A	Stand of primarily upland fir with some red maple and aspen mixed in. Aspen is primarily found on east edge and in some scattered interior locations.																																															
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6	6225 - Bog	Nonstocked	3.7			No	Bog with some spruce and fir																																															
7	429 - Mixed Upland Conifers	Poletimber Well	22.5	60	1-50	N/A	Small variable stand. A mix of everything. Some low pockets with tag alder.																																															
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Balsam Fir	Medium	Variable	Sapling																																																			
8	6239 - Mixed Emergent Wetland	Nonstocked	283.3			Managed Opening	Open wetland with scattered tag alder. Pup and wolf creeks cut through this stand.																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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9 42220 - Natural Jack Pine Poletimber Well 5.5 75 111-140 N/A SCA

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Pole	8		Pin Cherry	Low	5 - 10 feet	Sapling
Jack Pine	75	Pole/Log	8	75	White Pine	Low	Variable	Sapling
Red Pine	20	Log	12		Red Maple	Low	5 - 10 feet	Sapling
					Balsam Fir	Low	Variable	Sapling

10 42210 - Natural Red Pine Sawtimber Well 4.1 75 201+ N/A Small stand of natural red pine. SCA

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	10	Pole	8		Balsam Fir	Low	Variable	Sapling
Red Pine	90	Log/Pole	12	75	Black Spruce	Low	Variable	Sapling
					Black/Red (Hybrid) Oak	Low	Variable	Sapling

11 42220 - Natural Jack Pine Poletimber Well 2.7 75 51-80 N/A SCA

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Log	12		Balsam Fir	High	Variable	Sapling
White Pine	2	Pole	8		Pin Cherry	Low	5 - 10 feet	Sapling
Jack Pine	73	Pole/Log	8	75	Black Spruce	Low	Variable	Sapling
Red Pine	5	Log/Pole	12					

12 42200 - Natural White Pine Sawtimber Well 7.8 105 111-140 N/A Old sawtimber white pine that has been heavily weeviled in the past. Some scattered maple and aspen, especially in the portion of the stand that is South of the road. Balsam understory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	75	Log/XLog	14	105	Balsam Fir	High	Variable	Sapling
Red Maple	10	Pole	6					
Quaking Aspen	15	Pole	6					

13 4130 - Aspen Sapling Medium 31.2 7 Immature N/A Cut in late winter/early spring of 2018

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	100	Sapling	1	7

14 429 - Mixed Upland Conifers Poletimber Well 5.9 60 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	35	Pole	6	60	Balsam Fir	Medium	Variable	Sapling
White Pine	20	Pole	6		White Pine	High	Variable	Sapling
Quaking Aspen	15	Pole	6					
Black Spruce	20	Pole/Sapling	6					
Red Maple	5	Pole	6					
Black/Red (Hybrid) Oak	5	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
15	6124 - Lowland Spruce-Fir	Poletimber Well	3.8	85	1-50	N/A	Small upland area on the north end.																																						
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16	42200 - Natural White Pine	Sawtimber Well	14.2	105	81-110	N/A	Thinned in late winter/early spring of 2018																																						
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18	6239 - Mixed Emergent Wetland	Nonstocked	3.1			No	wetland with a small mix of trees																																						
19	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	3.1	75	81-110	N/A	Part of a larger stand in the compartment to the east. Lowland red maple and aspen stand with pockets of dead ash.																																						
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20	6225 - Bog	Nonstocked	2.2			No	Bog with some fir and spruce surrounding it.																																						
21	6225 - Bog	Nonstocked	9.5			No																																							



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22	6127 - Lowland Pine	Sawtimber Well	6.5	75	81-110	N/A																																																							
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23	6239 - Mixed Emergent Wetland	Nonstocked	8.8			No																																																							
24	6120 - Lowland Cedar	Sawtimber Well	25.3	100	111-140	N/A																																																							
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25	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	10.6	75		N/A	SCA																																																						
26	500 - Water	Nonstocked	24.5			No																																																							
27	6229 - Mixed lowland shrub	Nonstocked	7.9			No																																																							
28	6132 - Mixed Lowland Forest with Cedar	Poletimber Poor	19.3	75	1-50	N/A	Mixed lowland stand with a lot of blowdown and standing dead. Stand is borderline non-forested, with much of it being seasonally flooded.																																																						
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29	500 - Water	Nonstocked	106.3			Managed Opening	Wolf and Pup creek system. Bank is mostly marsh grass and tag alder.																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
30	4139 - Aspen, Mixed Deciduous	Sapling Medium	82.6	6	Immature	N/A	Young aspen stand cut in 2018, some larger sapling to pole sized white pine was left. Terrain is rolling in the stand.																																														
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31	6229 - Mixed lowland shrub	Nonstocked	1.1			No																																															
32	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	14.2	94		N/A	Lowland jack pine with some pockets of lowland shrub mixed in. SCA - riparian corridor - POG																																														
33	6124 - Lowland Spruce-Fir	Poletimber Well	23.2	85	81-110	N/A	Variable lowland stand with hummocky ground, lots of blowdown and jack strawing. Some areas of lowland shrub are also included.																																														
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34	6122 - Black Spruce	Poletimber Well	17.3	90	111-140	N/A	Operable under right conditions. Difficult access.																																														
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35	330 - Low-Density Trees	Nonstocked	8.4		Immature	No	Mostly open stand with scattered pockets of trees, including cherry, red maple, and white pine																																														
36	4130 - Aspen	Sapling Poor	7.7	27	1-50	N/A	Sparse aspen stand that somewhat flooded out after being cut. Water table appears to be pretty high here.																																														
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37	6130 - Fir, Aspen, Maple	Poletimber Well	9.8	65	51-80	N/A	West half is heavier to balsam fir and east half is heavier to aspen.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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38	4130 - Aspen	Sapling Well	3.2	26	1-50	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		10	Sapling	2		Red Maple	Low	Variable	Sapling
Bigtooth Aspen		90	Sapling/Pole	3	26	Pin Cherry	Low	Variable	Sapling

39	6120 - Lowland Cedar	Poletimber Well	69.7	105	111-140	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		5	Pole	6		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir		20	Pole	6		Balsam Fir	High	Variable	Sapling
Quaking Aspen		5	Pole	8					
Northern White Cedar		65	Pole/Log	8	105				
Red Maple		5	Pole	8					

40	4130 - Aspen	Sapling Well	4.3	7	Immature	N/A	Stand is regenerating fairly well, but with a few sparser pockets
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		5	Sapling	1			
Red Maple		10	Sapling	1			
Bigtooth Aspen		85	Sapling	1	7		

41	42220 - Natural Jack Pine	Sapling Medium	4.4	26	Immature	N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
Bigtooth Aspen		5	Sapling	2			
Jack Pine		88	Sapling	2	26		
Pin Cherry		2	Sapling	2			
Black/Red (Hybrid) Oak		5	Sapling	2			

42	42210 - Natural Red Pine	Sawtimber Poor	22.3	100	1-50	N/A	Seed tree harvested in the summer of 2019, Wolf Creek Pine. Regen is focused in pockets with some more open areas. Stand will likely fill in more with time.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		90	Log	14	100	Black/Red (Hybrid) Oak	Low	Variable	Sapling
White Pine		10	Log	12		Red Pine	Low	5 - 10 feet	Sapling
						White Pine	Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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43 6126 - Lowland Jack Pine Sapling Well 33.9 24 Immature N/A High water table jack pine that was harvested in 1998 and seeded. Brushy wetland pockets scattered throughout the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	2	Sapling	1		Black/Red (Hybrid) Oak	Low	Variable	Sapling
White Pine	5	Sapling	1		White Pine	Low	Variable	Sapling
Jack Pine	60	Sapling	1	24	Black Spruce	Medium	Variable	Sapling
Paper Birch	3	Sapling	1					
Quaking Aspen	5	Sapling	1					
Black/Red (Hybrid) Oak	5	Sapling	1					
Balsam Fir	10	Pole/Sapling	5					
Black Spruce	10	Sapling	1					

44 4130 - Aspen Poletimber Well 28.3 32 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	67	Pole	5	32	Black Spruce	Low	Variable	Sapling
Jack Pine	5	Sapling/Pole	4		Balsam Fir	Low	Variable	Sapling
White Pine	8	Pole/Log/Sap	8		Pin Cherry	Low	5 - 10 feet	Sapling
Bigtooth Aspen	20	Pole	5					

45 4131 - Aspen, Oak Sawtimber Well 69.6 105 111-140 N/A SCA. Lost Twin Lakes Foot Trail.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Log	9		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
White Oak	5	Log	10		White Pine	High	Variable	Sapling
Black/Red (Hybrid) Oak	20	Log/Pole	12					
White Pine	10	Log	14					
Red Pine	5	Log	14					
Bigtooth Aspen	55	Log/Pole	10	105				

46 6239 - Mixed Emergent Wetland Nonstocked 14.3 No

47 6224 - Treed Bog Nonstocked 9.1 No Bog with low density of pine, spruce, and fir.

48 4116 - Mixed N. Hardwood - Aspen Poletimber Well 31.0 70 81-110 N/A High water table stand of red maple mixed with some aspen. Variable understory of white ppine. Heavier white pine component on SE side where its higher and drier.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	68	Pole/Log	9	70	White Pine	High	Variable	Sapling
Quaking Aspen	20	Pole/Log	9		Balsam Fir	Low	Variable	Sapling
Black/Red (Hybrid) Oak	2	Log/Pole	10		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
White Pine	10	Pole/Log	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
49	6121 - Tamarack	Poletimber Well	29.9	85	1-50	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		20	Pole	6		Black Spruce	Low	Variable	Sapling
Paper Birch		5	Sapling/Pole	2		Tag Alder	Full	5 - 10 feet	Tall Shrub
Tamarack		75	Pole	6	85				
50	42201 - Natural White Pine, Mixed Deciduous	Poletimber Well	5.0	92	141-170	N/A	Mixed aspen and white pine stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		60	Pole/Log	8	92	Red Maple	Low	5 - 10 feet	Sapling
Red Pine		5	Log/Pole	10		Pin Cherry	Low	5 - 10 feet	Sapling
Quaking Aspen		30	Pole	8					
Red Maple		5	Pole	8					
51	6120 - Lowland Cedar	Poletimber Well	6.1	100	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		10	Pole	6		Black Spruce	Low	Variable	Sapling
Balsam Fir		20	Sapling/Pole	4		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar		70	Pole/Log	8	100	Balsam Fir	High	Variable	Sapling
52	6120 - Lowland Cedar	Poletimber Well	4.3	105	81-110	N/A	SCA, lost twin lakes pathway SCA.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		5	Pole	6		Balsam Fir	Medium	Variable	Sapling
White Pine		2	Log	12		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar		78	Pole/Log	9	105	Black Spruce	Low	Variable	Sapling
Balsam Fir		5	Pole	6					
Red Maple		10	Pole/Log	9					
53	42290 - Natural Mixed Pine	Sawtimber Well	6.6	105	111-140	N/A	SCA. Lost twin lakes pathway bisects stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		45	Log/XLog	14	105	Balsam Fir	Medium	Variable	Sapling
Red Pine		40	Log/XLog	14		White Pine	High	10 - 20 feet	Sapling
Bigtooth Aspen		10	Log/Pole	10					
Red Maple		5	Pole/Log	8					
54	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	14.6	134		N/A	SCA - POG		
55	623 - Emergent Wetland	Nonstocked	27.2			No			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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56 6220 - Alder/willow Nonstocked 20.7 No

57 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Poor 3.1 85 1-50 N/A Sparse aspen and balsam fir stand with some mature white pine mixed in.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	40	Pole/Sapling	5	85	Quaking Aspen	Medium	Variable	Sapling
White Pine	20	Pole/Log/Sap	8		Tag Alder	High	Variable	Tall Shrub
Black/Red (Hybrid) Oak	5	Pole/Sapling	5					
Quaking Aspen	30	Log	10					
Black Spruce	5	Pole	8					

58 6123 - Lowland Fir Poletimber Well 74.0 102 N/A SCA - POG

59 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Medium 7.3 102 N/A SCA - riparian corridor - POG

60 6139 - Mixed Lowland Forest Poletimber Poor 22.5 99 N/A SCA - riparian corridor - POG

64 42200 - Natural White Pine Poletimber Well 48.1 64 111-140 N/A Combination of upland and lowland, mostly large pole sized white pine and red pine with a mix of other species. Some log sized and super canopy pine are also present.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	8	Pole	9		Black Spruce	Low	Variable	Sapling
Quaking Aspen	2	Pole	6		Red Pine	Low	Variable	Sapling
White Pine	65	Pole/Log/XLog	9	64	Balsam Fir	Low	Variable	Sapling
Red Pine	25	Log/Pole	14	99	White Pine	High	>20 feet	Sapling

65 4131 - Aspen, Oak Sapling Well 35.0 27 1-50 N/A Stand is mostly upland aspen with a mix of oak and jack pine. The south end of the stand has a bit more jack pine and is more wet. There are also low wet spots scattered throughout the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Pin Cherry	4	Sapling	2	27
Jack Pine	16	Sapling/Pole	3	27
Black/Red (Hybrid) Oak	20	Sapling/Pole	3	27
Bigtooth Aspen	30	Sapling/Pole	4	27
Quaking Aspen	30	Sapling/Pole	4	27

66 6126 - Lowland Jack Pine Sapling Medium 69.8 26 Immature N/A Stand was cut in 1996 and seeded to jack pine in 1998, bulk of stand is lower/wetter with leatherleaf ground cover, some wetter parts (esp. the north end) are very sparse and more treed bog OR bog, more upland areas have oak and aspen scattered in with the artificial regen jack pine.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	5	Sapling	1	27
Black/Red (Hybrid) Oak	10	Sapling	1	27
Jack Pine	85	Sapling	1	26



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
67	6124 - Lowland Spruce-Fir	Poletimber Poor	3.9	85	1-50	N/A	Sparse lowland conifer stand with high water table and a few drainages flowing through it.																																										
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68	4132 - Aspen, Jack Pine	Sapling Well	12.4	28	1-50	N/A	cut in 1996, regenerated well to A/JP																																										
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69	6112 - Lowland Aspen	Sapling Poor	7.6	27	1-50	N/A	Sparse aspen regen from a 1996 cut on somewhat low ground.																																										
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71	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	17.3	102		N/A	SCA - riparian corridor - POG																																										
72	6230 - Cattail	Nonstocked	10.0			No																																											
73	6239 - Mixed Emergent Wetland	Nonstocked	257.9			No	Emergent wetland with islands of deciduous trees and/or conifer trees mixed in with areas of lowland shrub.																																										
74	6230 - Cattail	Nonstocked	8.7			No																																											
75	6230 - Cattail	Nonstocked	7.0			No																																											
76	6230 - Cattail	Nonstocked	3.4			No																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
77	6126 - Lowland Jack Pine	Poletimber Well	96.5	94		N/A	Lowland jack pine with some pockets of lowland shrub mixed in. SCA - riparian corridor - POG																																								
78	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	80.7	99		N/A	SCA - riparian corridor - POG																																								
79	6229 - Mixed lowland shrub	Nonstocked	23.2			No	Lowland shrub with scattered trees																																								
80	6225 - Bog	Nonstocked	3.7			No	leatherleaf bog with encroaching conifers																																								
81	42200 - Natural White Pine	Poletimber Well	10.7	64	111-140	N/A	combination of upland and lowland, mostly WP poles with scattered RP poles and R/W pine SL/XL's, hardwoods declining, 3 ages of WP/2 ages of RP, SCA - POG, possibly thin at some future YOE to enhance OG characteristics																																								
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82	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Well	36.6	82	1-50	N/A	Poor access due to free flowing stream and large wetland complex surrounding stand. White pine understory is almost pole size, terrain is mix of lowland and upland, found some mention of a timber sale in 1942.																																								
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84	500 - Water	Nonstocked	19.7		Unspecified	No	Previous inventory mentioned beaver activity in the stand.																																								
87	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	157.6	99		N/A	SCA - riparian corridor - POG																																								
88	6239 - Mixed Emergent Wetland	Nonstocked	18.2			No																																									
90	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	5.9	99		N/A	retain as SCA - riparian corridor - POG																																								
93	6230 - Cattail	Nonstocked	177.4			Managed Opening	Wraco Flooding. The dam has been removed and water has drained out. Water is only in the pre-existing stream bed. Cattail around perimeter with marsh grass filling in what once was under water. Managed by Wildlife Division.																																								
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94	429 - Mixed Upland Conifers	Poletimber Well	56.1	106	81-110	N/A	Mixed stand of red maple, white pine, balsam fir, and mix of other species. Terrain is a mix with about equal parts of upland and lowland, with standing water in places.																																													
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95	6118 - Lowland Deciduous with Cedar	Poletimber Poor	10.9	101	1-50	N/A	Remote called in 2024, stand was too difficult to access due to early thaw and high water table. Old Comment: Slightly higher ground growing some trees. Surrounded on all sides by either bogs or floodings making stand inaccessible at this time and for the foreseeable future.																																													
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96	6220 - Alder/willow	Nonstocked	571.3			No	Lowland complex with a variable cover type predominately tag alder and leatherleaf. On higher humps that are scattered about the stand is sparse black spruce, jack pine, tamarack, and/or cedar growing.																																													
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97	42200 - Natural White Pine	Poletimber Well	8.1	101	111-140	N/A	Remote called this entry due to early thaw making access to stand difficult. Old Comment: Variable stand with majority of cover being white pine with its regeneration being most prevalent. Other species found in some of the lower areas. Stand is surrounded by bogs and beaver floodings making commercial access impossible. Leave for diversity.																																													
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100	42210 - Natural Red Pine	Sawtimber Well	2.6	89	111-140	N/A	Natural red pine stand on slightly higher elevated ground. Just trace amounts of red pine regeneration in understory, mostly red maple. Stand is somewhat isolated due to surrounding bog and young jack pine and aspen stands. Previous inventories mentioned leaving this stand for old growth and diversity.																																													
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101	6120 - Lowland Cedar	Poletimber Well	38.3	116	81-110	N/A	Cedar overstory but no new regeneration. Could be harvested but believe the cedar still won't regenerate and lose this component all together, it will still be a part of the stand for future decades.																																																			
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102	6229 - Mixed lowland shrub	Nonstocked	18.9			No																																																				
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103	6118 - Lowland Deciduous with Cedar	Poletimber Poor	23.4	101		N/A	Remote called in 2024, stand was too difficult to access due to early thaw and high water table. Old Comment: The paper birch is starting to die out. Regeneration is just trace amounts. Red maple holding its own along with the cedar, Regeneration is mainly red maple and no cedar. Understory is mostly tag alder. Access for commercial harvest is not an option and don't believe the cedar will come back anyway. Let it go its course, at least will still be a component for several more years.																																																			
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104	42200 - Natural White Pine	Sawtimber Well	23.6	91	111-140	N/A	Remote called in 2024, stand was too difficult to access due to early thaw and high water table. Old Comment: Variable aged stand with overmature aspen. Variable species also but only regeneration of significance is white pine. Could be harvested but need to cross about 600 feet of leatherleaf bog to get to it. Its an island in the middle of a bog complex. Re-evaluate in ten years. Maybe able to harvest stand 41 and use it as a stepping stone to cut the distance to travel over bog in half.																																																			
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105	4319 - Mixed Upland Forest	Sawtimber Well	34.6	99	141-170	N/A	Remote called in 2024, stand was too difficult to access due to early thaw and high water table. Old Comment: Mixed stand with two pockets of natural red pine along the south end. These have a 200 basal area average. Some very large supercanopy red pine mixed in the remaining stand portions. No regeneration underneath except for red maple and oak. The other portions of the stand are sparse with overmature aspen (30b.a.) in the middle with the red maple/black spruce around the perimeter of higher b.a. There are some very large red pine amongst the aspen. Could benefit from a harvest.																																																			
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106	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	16.7	50	81-110	N/A	Mixed stand with two pockets of natural red pine along the south end. These have a 200 basal area average. Some very large supercanopy red pine mixed in the remaining stand. Understory is mainly red maple with some oak. The other portions of the stand are sparse with oak, aspen, and maple.																																										
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107	42120 - Planted Jack Pine	Sapling Well	52.1	26	51-80	N/A	Stand was cut in 1996 and was then seeded to jack pine in 1998. Mostly lower ground but some higher elevations where the oak and trace amounts of aspen are found. Some small bogs intermixed within the stand.																																										
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109	42200 - Natural White Pine	Sawtimber Poor	3.7	92	1-50	N/A	Harvested leaving 20 basal area of red/white pine and some oak in larger size class. Harvested down to 4 inches. Very minimal development in the understory yet.																																										
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110	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	12.1	91	51-80	N/A	Varied stand. Some tamarack and spruce saplings, but hardly any in sub-canopy, mostly tag alder. Reed canary grass, wet stand, not advisable to commercial harvest.																																										
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111	4311 - Pine, Aspen Mix	Sawtimber Well	35.0	133	81-110	N/A	Nice supercanopy white pine stand on high ground surrounded by lowland complex. The pines are all log or bigger. Heavy white pine regeneration in the understory with two distinct separate pockets broke up by an overmature aspen type. There is little regen. of the aspen, rather white pine. Some XL white pine in with the aspen overstory. Nominate stand as old growth potential with the accessibility to do a commercial harvest as non-existent.																																										
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112	6122 - Black Spruce	Poletimber Poor	27.5	101	1-50	N/A	Lowland Spruce with standing water. Stand is very patchy with trees growing on higher humps.																																										
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113	429 - Mixed Upland Conifers	Poletimber Well	7.4	85	81-110	N/A	Somewhat higher ground with a lot of low ground around it. Mix of white pine, red pine, aspen, and red maple. Some red and white pine are supercanopy, mostly in west end of stand.																																																
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114	4130 - Aspen	Sapling Medium	3.5	16	Immature	N/A	Cut in the fall of 2007. Some areas are a bit open, but most of the stand is regenerating well.																																																
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115	6220 - Alder/willow	Nonstocked	4.3			No																																																	
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116	4133 - Aspen, Mixed Pine	Poletimber Well	2.3	49	51-80	N/A	Pole size aspen and white pine stand. Very limited understory with some white pine.																																																
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Hazelnut (Beaked)	Low	5 - 10 feet	Tall Shrub																																																				
117	6122 - Black Spruce	Poletimber Well	4.0	100	81-110	N/A	Stand is a mix of high and low ground. The high ground is log/pole white pine with white pine regeneration. Low ground is supercanopy white pine with heavy black spruce overstory underneath with scattered clumps of red maple. Lots of black spruce regeneration.																																																
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118	6120 - Lowland Cedar	Poletimber Well	39.3	106	81-110	N/A	Predominately cedar overstory with some black spruce, but the regeneration is dense spruce with tag alder mixed in. Water table here is very high, with standing water covering much of the stand.																																																
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119	42200 - Natural White Pine	Poletimber Well	1.2	93	111-140	N/A	White pine island surrounded by tag alder marsh/bog. Mix of all diameters. Dense regeneration.																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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120	429 - Mixed Upland Conifers	Sawtimber Well	108.8	109	141-170	N/A	Stand is quite variable, with red and white pine on the south end, turning to more white pine and balsam fir as you go north. There are also pockets of cedar where the ground is most wet. Several old roads and drainages scattered throughout the stand.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	2	Pole/Log	9		White Pine	Full	Variable	Sapling
Bigtooth Aspen	8	Pole	8		Tag Alder	Medium	5 - 10 feet	Tall Shrub
White Pine	34	Log/Pole/XLog	14	109	Northern Pin Oak	Low	Variable	Sapling
Paper Birch	2	Pole	8		Balsam Fir	Medium	Variable	Sapling
Red Pine	8	Log/Pole	12		Red Maple	Low	>20 feet	Sapling
Northern Pin Oak	6	Log/Pole	12					
Red Maple	20	Log/Pole	10					
Balsam Fir	20	Pole/Sapling	5					

121	6132 - Mixed Lowland Forest with Cedar	Poletimber Poor	26.8	96	1-50	N/A	Mixed lowland stand consisting mostly of red maple and cedar
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Pole/Log	8	96	Black Spruce	Low	5 - 10 feet	Sapling
Northern White Cedar	28	Pole	8		Tag Alder	High	Variable	Tall Shrub
Black Spruce	22	Pole/Sapling	7		Red Maple	Low	>20 feet	Sapling
Quaking Aspen	20	Pole/Sapling	7					

122	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	31.1	99	141-170	N/A	Mixed cedar and black spruce stand. North end is heavier to spruce and south end is heavier to cedar.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	8	XLog/Log	18		Black Spruce	High	10 - 20 feet	Sapling
Black Spruce	45	Pole/Sapling	7	99				
Red Maple	2	Pole	8					
Northern White Cedar	45	Pole/Log	8					

123	42140 - Planted Mixed Pine	Poletimber Well	2.2	43	111-140	N/A	Small mixed pine stand of varying structure.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	40	Pole/Sapling	7	
Jack Pine	5	Sapling/Pole	4	
Red Pine	55	Pole/Sapling	7	43

124	710 - Sand, Soil	Nonstocked	6.2			Managed Opening	Barren sand with pits and mounds of debris from construction of the dike system for the Wraco Flooding.
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Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low		Pole

125	500 - Water	Nonstocked	1.2		Immature	No	Wolf Creek discharge from Wraco Flooding.
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126	6113 - Lowland Maple	Sawtimber Poor	3.3	83	51-80	N/A	Outwash plain from Wolf Creek.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	100	Log/Pole	10	83	Tag Alder	High	Variable	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																													
127	110 - Low Intensity Urban	Nonstocked	1.1		Immature	Managed Opening	Parking lot for the Wraco Flooding managed by Wildlife Division.																													
128	710 - Sand, Soil	Nonstocked	3.7			Managed Opening	Barren sand for the most part. East end is a managed parking lot for the Wraco Flooding managed by Wildlife Division.																													
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129	4130 - Aspen	Sapling Well	13.2	8	Immature	N/A	Final harvested in the spring 2016. Left approx. 10--20 B.A. of supercanopy red and white pine along with some scattered oak for mast. There is a buried petroleum line along the west side.																													
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130	622 - Lowland Shrub	Nonstocked	8.4		Immature	No	Was predominately ash, but it has all died out. Full stocking of tag alder with some cedar and fir scattered about.																													
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131	4131 - Aspen, Oak	Sapling Well	23.3	8	Immature	N/A	Final harvested in the spring 2016. Appears to be a camping spot at the north end that gets alot of use.																													
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132	310 - Herbaceous Openland	Nonstocked	4.5		Unspecified	Managed Opening	Maintained wildlife opening.																													
133	6120 - Lowland Cedar	Poletimber Well	23.7	100	81-110	N/A	Major overstory is cedar, No regeneration of it, with only regeneration being black spruce which is scattered about in overstory. Pocket of white pine and red maple at the northeast end. Very wet stand with pockets of standing water.																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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134 4130 - Aspen Sapling Medium 17.2 8 Immature N/A Final harvested in the spring 2016.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	20	Sapling	1	
Bigtooth Aspen	55	Sapling	1	8
Black/Red (Hybrid) Oak	10	Sapling	1	
Jack Pine	5	Sapling	1	
White Pine	5	Sapling	1	
Red Maple	5	Sapling	1	

135 4133 - Aspen, Mixed Pine Sawtimber Medium 2.2 62 81-110 N/A Island of aspen and white pine mostly surrounded by wetlands that was left as retention when stand 13 was cut.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	45	Pole/Log	9	62
White Pine	35	Log/Pole	10	
Red Maple	20	Pole/Log	8	

142 6132 - Mixed Lowland Forest with Cedar Sawtimber Well 10.5 60 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Log	8		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	40	Log/Pole	10	100	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Quaking Aspen	45	Pole	8	60				
Balsam Fir	5	Pole	6					
Paper Birch	5	Pole/Log	8					

143 4130 - Aspen Sapling Medium 8.4 7 Immature N/A East half of stand is regenerating well, but west half is a bit sparse. Stand also includes eastern arm that was left as retention during previous harvest.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	100	Sapling	1	7