



# Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52156

Entry Year 2020

Acreage: 961

County Cheboygan

Management Area: Chandler Hills

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**Revision Date:** 2018-05-29

**Stand Examiner:** Shannon Harig

**Legal Description:**

T33N R03W Sections 10,11,14,15

**Identified Planning Goals:**

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

**Soil and topography:**

Rubicon - East Lake Association. Level to rolling topography.

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

A lot of residential development in the area.

**Unique Natural Features:**

The West Branch Sturgeon River runs through the SE part of the compartment.

**Archeological, Historical, and Cultural Features:**

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

This compartment is in the Sturgeon River watershed and contains portions of Silver Lake, West Branch Sturgeon River, Allen Creek, and Marl Creek. All three streams are designated trout streams. Silver Lake is a Type B trout lake, while all three streams have Type 1 trout stream regulations in this reach. Proposed management activities are appropriate for the protection of these waterbodies.

**Wildlife Habitat Considerations:**

Treatments in this compartment will encourage a balanced aspen age class and regrowth benefiting deer, grouse, wild turkey, and woodcock. Openings are prescribed to be maintained and supplemented with hard and soft mast plantings.

**Mineral Resource and Development Concerns and/or Restrictions**

Active sand/gravel pits are not located in the vicinity, but there is good potential for sand & gravel within the compartment. There has been sparse oil & gas exploration in the area. A Collingwood oil test well was drilled two miles to the southwest, but it proved not to be a successful well. The Antrim Shale is thin to absent, and oil & gas potential appears to be low at this time. There is currently no active mineral leasing in the area.

**Vehicle Access:**

There is good access to most of the compartment.

**Survey Needs:**

Approximately 2 miles of line in 3 sections needed.

**Recreational Facilities and Opportunities:**

Silver Lake Boating Access Site, Snowmobile Trail 765 and a motorcycle trail are in this compartment.

**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**

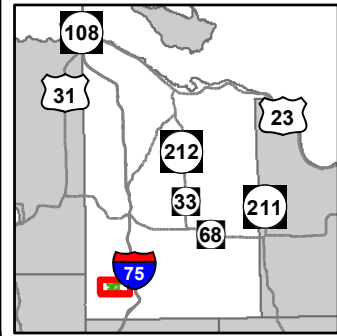
**The following information is displayed, where pertinent, on the attached compartment maps:**

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

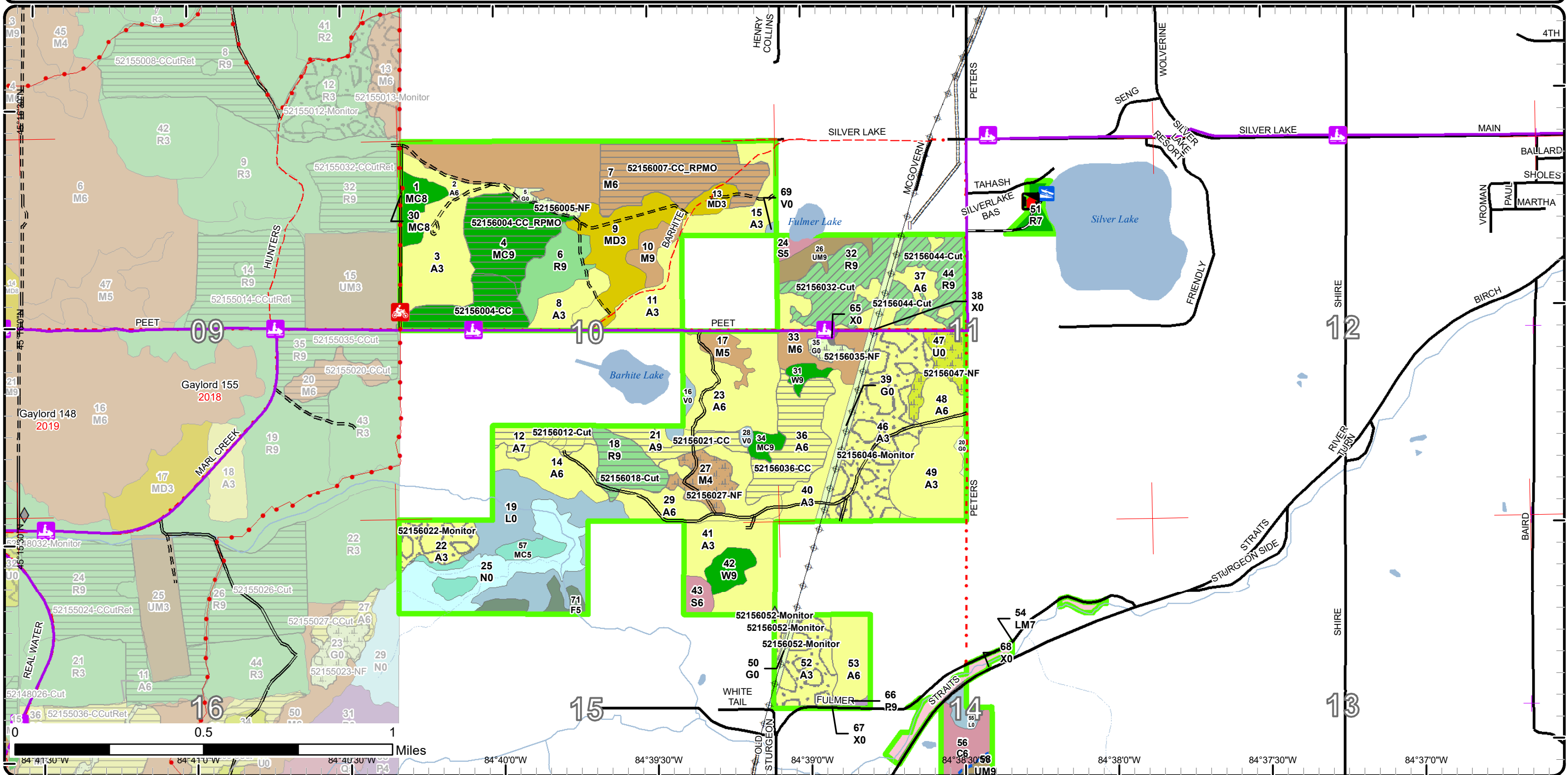


# Cover Type & Treatments Map

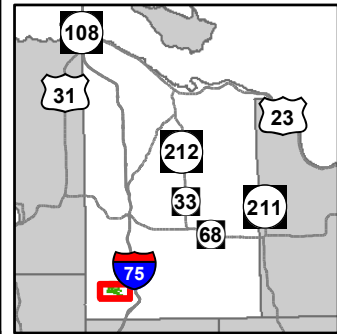
Compartment: 156  
 T33N, R03W, Sec. 10, 11, 14, 15  
 County: Cheboygan  
 Unit: Gaylord  
 Mgmt Area: Chandler Hills  
 YOE: 2020  
 Acres: 961 GIS Calculated  
 Examiner: Shannon Harig  
 Map Revised: 10/1/2018  
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
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- Structures
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- Perennial River
- Lakes and Rivers All
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- Compartment Boundary
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
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- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
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- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes

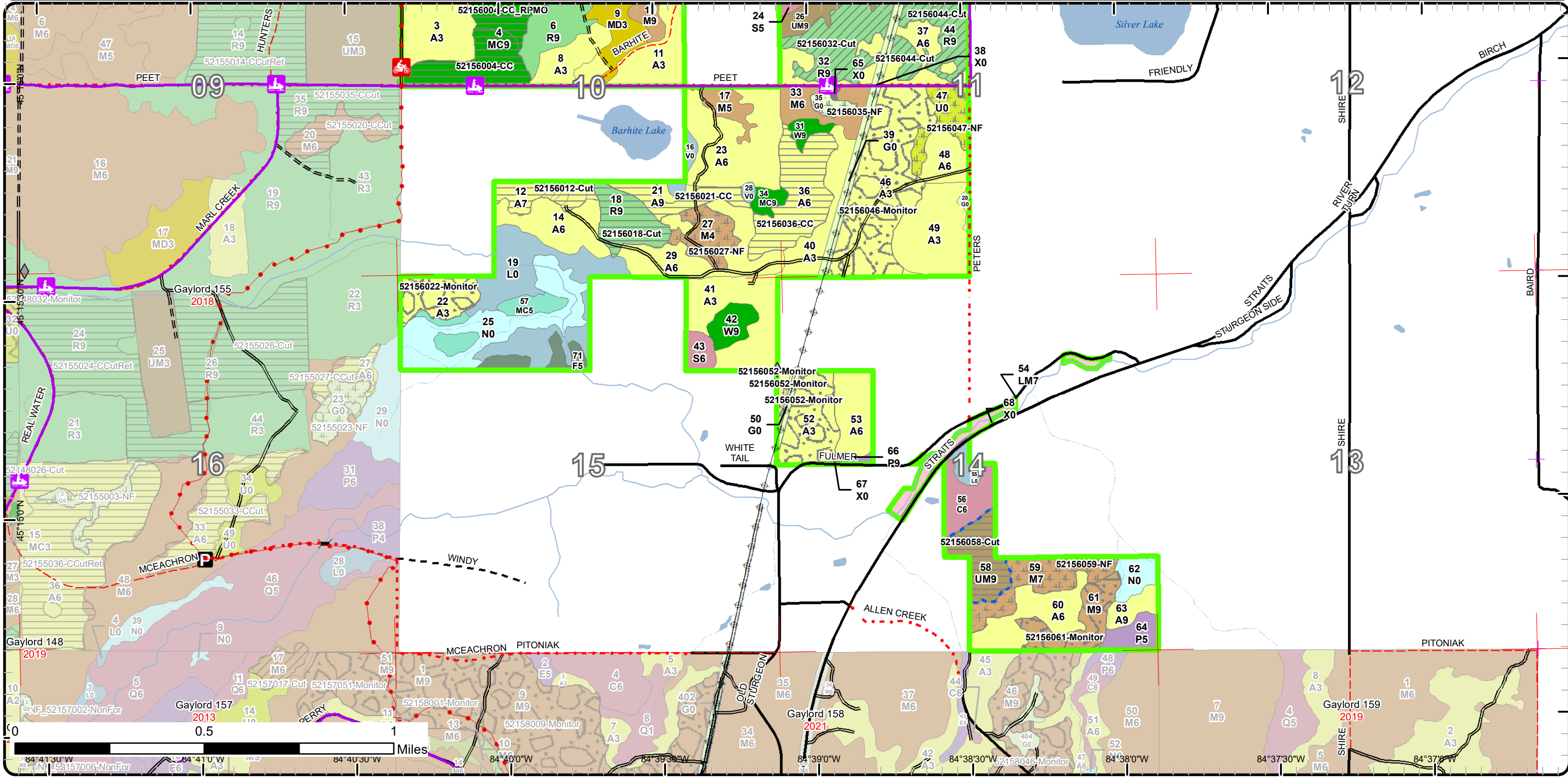


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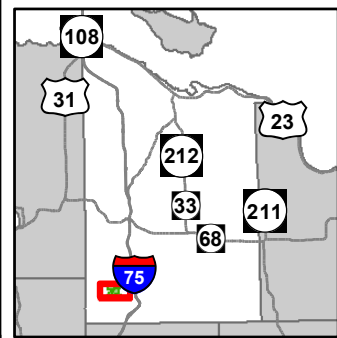
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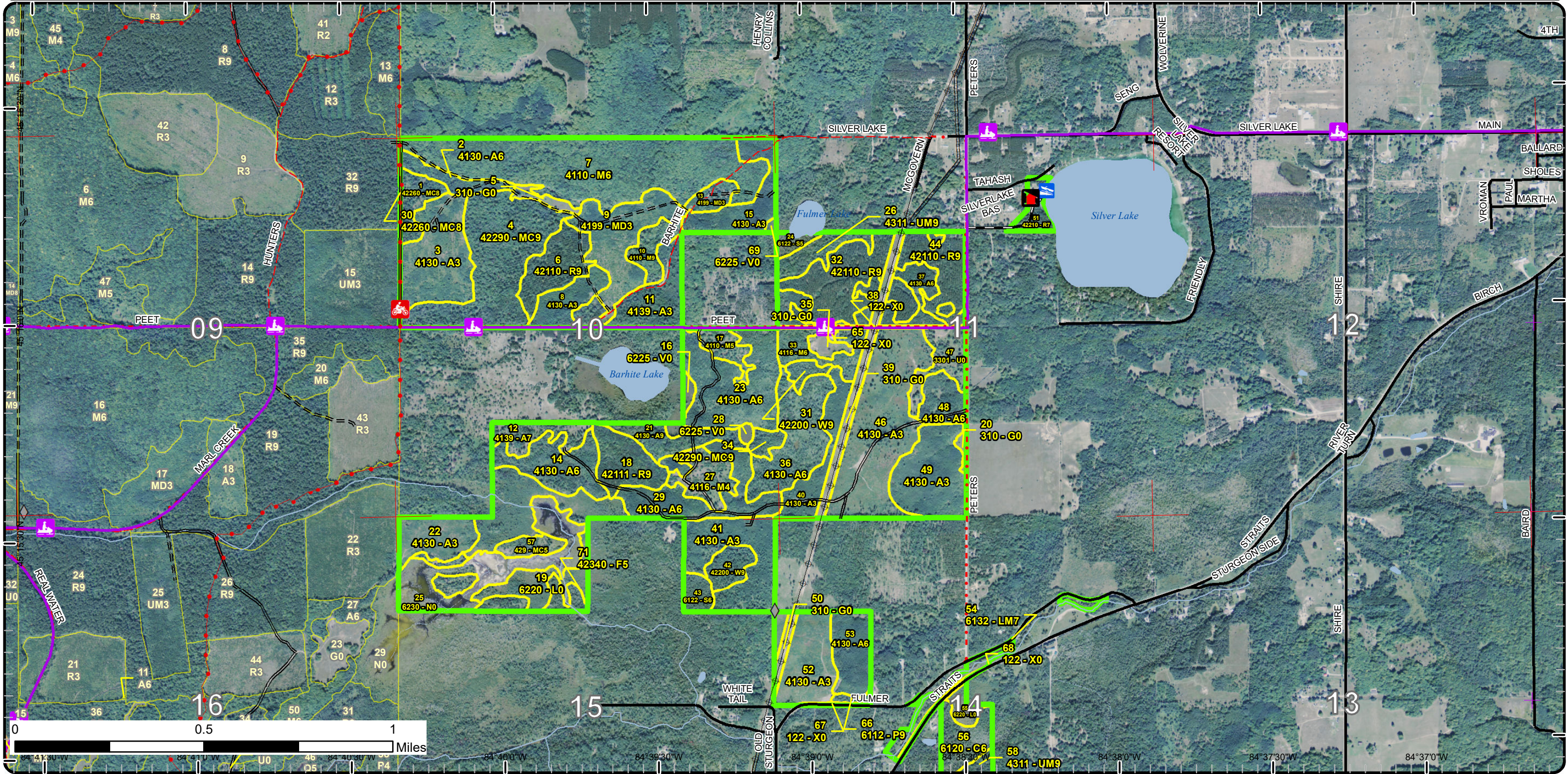


# Stand Boundary Map

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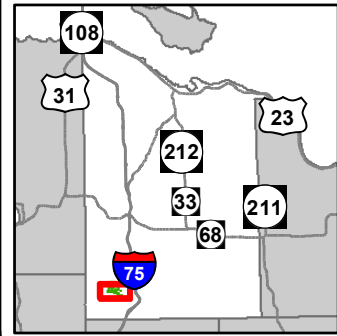


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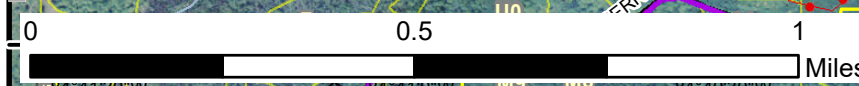
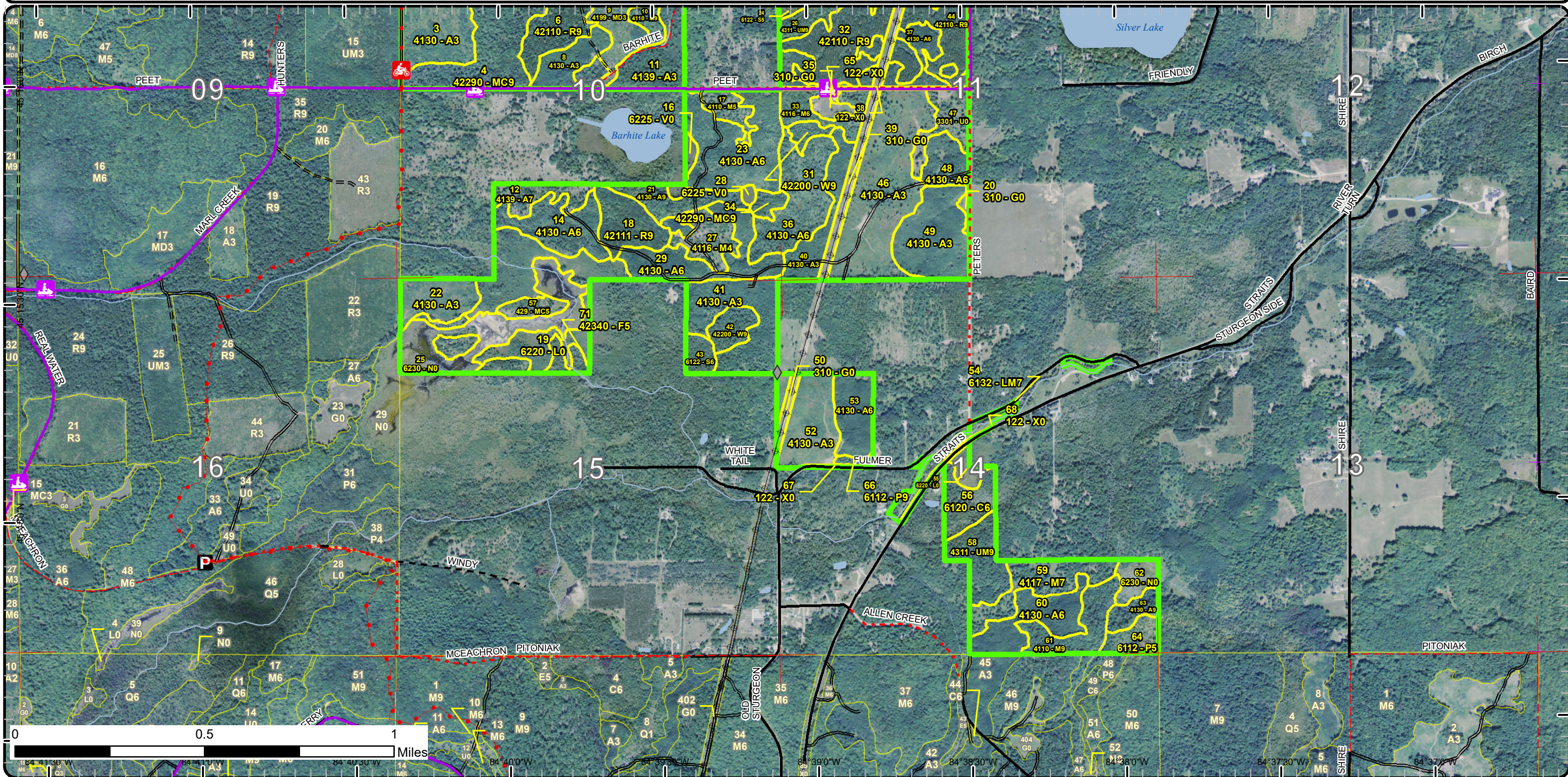


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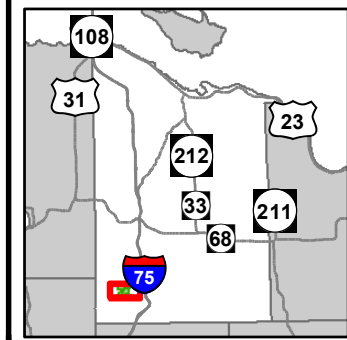
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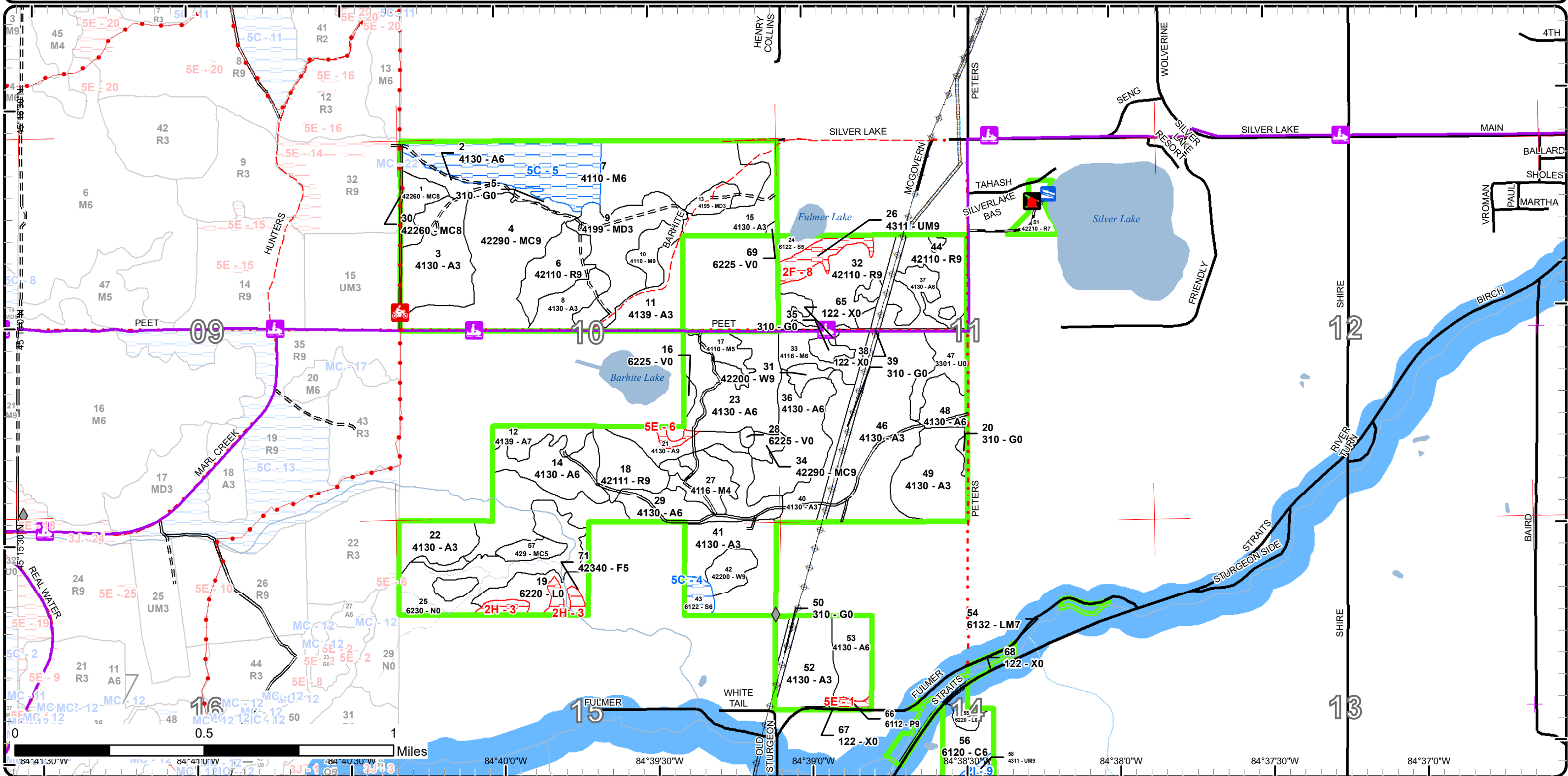
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# Special Conservation Areas & Site Conditions Map

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  - Powerline
  - Compartment Boundary
  - Available w/ Constraints
  - Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
  - 2F: Too steep
  - 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
  - 5E: Long-Term Retention
  - Stand Boundaries
  - Cold Water Streams
  - Cold Water Lakes
  - High Priority Trout Stream Buffer

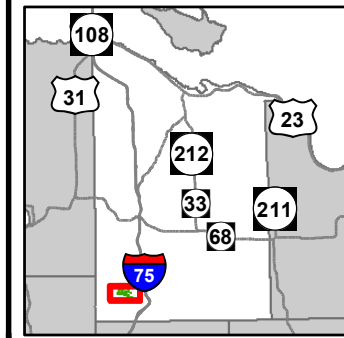


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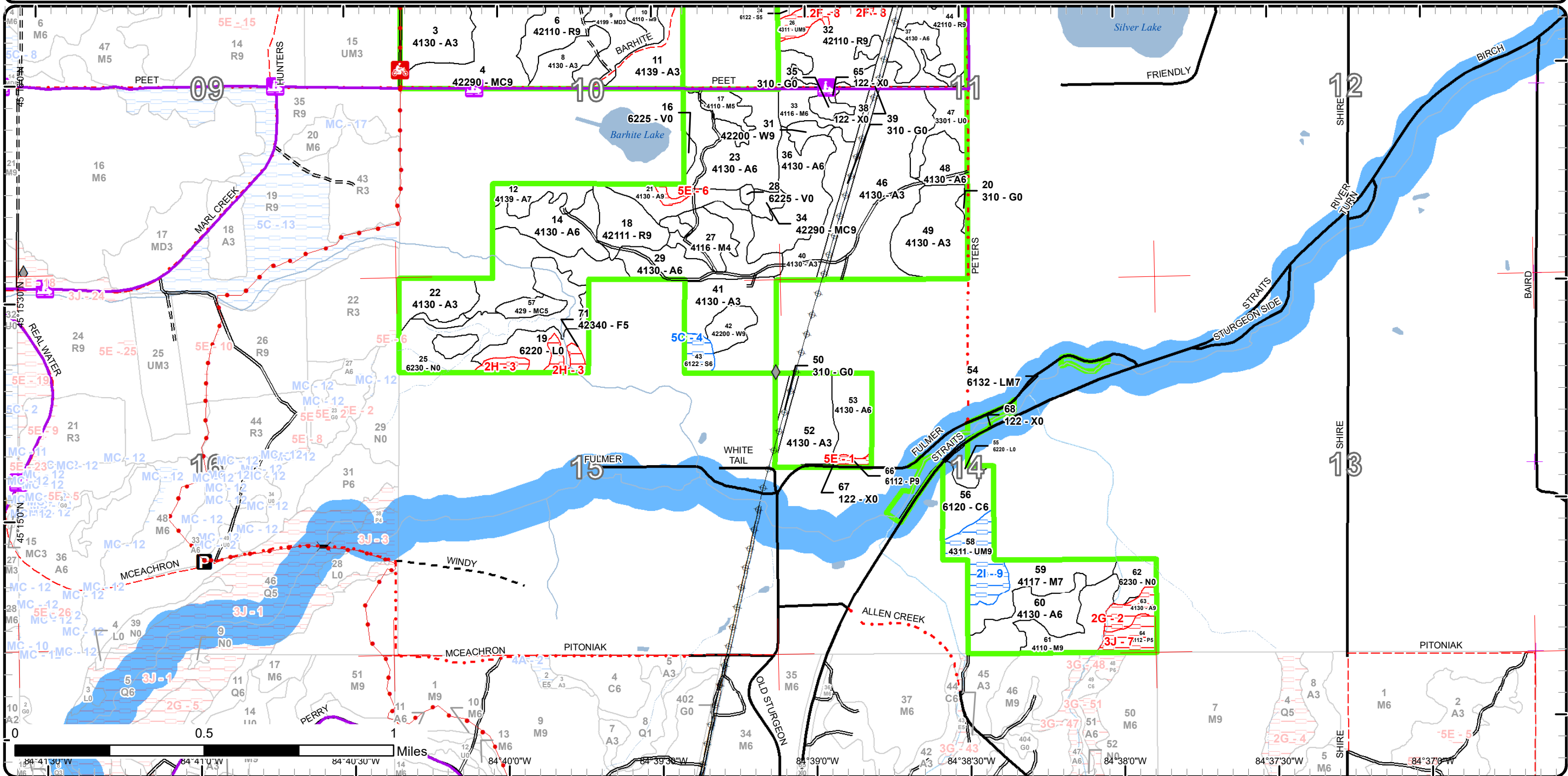


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- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer





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	86	96	80	105	34	10	12	0	0	6	0	0	0	0	0	0	0	429
Bog	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	11
Herbaceous Openland	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Low-Density Trees	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	1	0	7	0	0	0	0	0	0	0	0	0	8
Lowland Mixed Forest	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	9
Lowland Shrub	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Lowland Spruce/Fir	0	0	0	0	0	0	3	0	0	0	5	0	0	0	0	0	0	0	8
Marsh	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Mixed Upland Deciduous	0	0	27	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	32
Natural Mixed Pines	0	0	0	0	0	9	48	3	0	0	0	0	0	0	0	0	0	0	60
Northern Hardwood	0	0	0	12	7	0	0	18	80	23	11	0	0	0	0	0	0	0	150
Red Pine	0	0	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	82
Upland Conifers	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
Upland Mixed Forest	0	0	0	0	0	0	0	15	8	0	0	0	0	0	0	0	0	0	23
Upland Spruce/Fir	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
White Pine	0	0	0	0	0	0	3	0	7	0	0	0	0	0	0	0	0	0	10
<b>Total</b>	<b>121</b>	<b>86</b>	<b>123</b>	<b>92</b>	<b>112</b>	<b>48</b>	<b>157</b>	<b>64</b>	<b>102</b>	<b>23</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>960</b>



## Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2020

Acres of Harvest

Compartment 156

Total Compartment Acres: 961

Commercial Harvest - 196  
 Harvests with Site Condition - 15  
 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	48	0	0	0	0	0	0	0	0	48
Natural Mixed Pines	48	0	0	0	0	0	0	0	0	48
Northern Hardwood	41	0	0	0	0	0	0	0	0	41
Red Pine	15	0	0	0	45	0	0	0	0	60
Upland Mixed Forest	15	0	0	0	0	0	0	0	0	15
<b>Total</b>	<b>166</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>211</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	211	0	0	0	0	102	0	47	0	359
Next Step	0	189	94	0	0	163	260	0	0	706
<b>Total</b>	<b>211</b>	<b>189</b>	<b>94</b>	<b>0</b>	<b>0</b>	<b>163</b>	<b>362</b>	<b>0</b>	<b>47</b>	<b>1065</b>



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	Approval Status
4	52156004-CC	19.7	42290 - Natural Mixed Pine	Sawtimber Well	58	81-110	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Clearcut to 2" DBH leaving retention in pockets. Protect the motorcycle trail along the west side of the treatment.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen, northern hardwoods and pine.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

4	52156004-CC_RPMO	28.3	42290 - Natural Mixed Pine	Sawtimber Well	58	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Clearcut to 2" DBH leaving retention in pockets along the perimeter of the stand. Plant to red pine. Incorporate hard and soft mast past in plantation.

Specs:

Next Step Pesticide, Aerial; SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Pesticide, Aerial; Monitoring, Artificial

Treatments: Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable Minimum stocking of red pine.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

5	52156005-NF	3.1	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Mow, plant, burn, brush, or herbicide to maintain opening. Plant hard and/or soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

7	52156007-CC_RPMO	40.6	4110 - Sugar Maple Association	Poletimber Well	79	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Clearcut to 2" DBH and plant red pine. Leave several unplanted openings, approximately 4 to 5 acres, and ensure openings are herbicided to maintain non-forested condition. Incorporate hard and soft mast in the plantation.

Specs:

Next Step Pesticide, Aerial; SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide,

Treatments: Aerial; Monitoring, Artificial Regen(3yr)

Acceptable Minimum stocking of red pine.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019



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	Approval Status
12	52156012-Cut	10.8	4139 - Aspen, Mixed Deciduous	Sawtimber Poor	58	1-50	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Clearcut and plant to red pine. Incorporate hard and soft mast in the plantation.

Specs:

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Pesticide, Aerial; Monitoring, Artificial Regen(1yr); Monitoring, Treatments: Artificial Regen(3yr)

Acceptable Minimum stocking of red pine.

Regen:

Other Site prep and/or release herbicide will aid with elimination of invasive plants (autumn olive) in this stand.

Comment:

Proposed Start Date: 10/1 /2019

18	52156018-Cut	14.6	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	54	111-140	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Clearcut to 2" DBH and re-plant to red pine. Incorporate hard and soft mast in the plantation.

Specs:

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Pesticide, Aerial; Monitoring, Artificial Regen(1yr); Monitoring, Treatments: Artificial Regen(3yr)

Acceptable Minimum stocking of red pine.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

21	52156021-CC	9.9	4130 - Aspen	Sawtimber Well	67	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Clearcut to 2" DBH. Inoperable area around the bog can serve as retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen and maple.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

22	52156022-Monitor	14.4	4130 - Aspen	Sapling Well	6	Immatu re	Monitoring	Natural Regen (Re-Inventory)	4130 - Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Regen check during the next inventory cycle for adequate regeneration.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration will meet minimum stocking requirements for aspen.

Regen:

Other

Comment:

Old next step comments: Regeneration survey in 4 years. A mix of aspen, Red Maple and Balsam Fir is acceptable regen.

Proposed Start Date: 10/1 /2017



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	Approval Status
27	52156027-NF	11.5	4116 - Mixed N. Hardwood - Aspen	Poletimber Poor	26	1-50	NonForestMgt	Other - Specify	330 - Low-Density Trees		Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Mow, plant, burn, brush, or herbicide to maintain semi open character of stand. Plant hard and/or soft mast.

Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

32	52156032-Cut	24.8	42110 - Planted Red Pine	Sawtimber Well	56	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Mark stand down to 120 BA. Focus marking on poor quality and suppressed stems. Protect recreational trail during harvest.

Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other Heavy understory will make marking during leaf off desirable.  
Comment:

Proposed Start Date: 10/1 /2019

35	52156035-NF	3.0	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Mow, plant, burn, brush, or herbicide to maintain opening. Plant hard and/or soft mast.

Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

36	52156036-CC	26.8	4130 - Aspen	Poletimber Well	49	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Clearcut to 2" DBH leaving retention in pockets.

Specs:

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

Acceptable Minimum stocking of aspen.  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019



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	Approval Status
44	52156044-Cut	20.4	42110 - Planted Red Pine	Sawtimber Well	56	171- 200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Mark stand down to 120 BA. Focus marking on poor quality and suppressed stems. Protect recreational trail during harvest.

Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other Heavy understory will make marking during leaf off desirable.

Comment:

Proposed Start Date: 10/1 /2019

46	52156046- Monitor	50.5	4130 - Aspen	Sapling Well	6		Monitoring	Natural Regen (Re-Inventory)	4130 - Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Regen survey during the next inventory cycle for adequate regeneration.

Specs:

Next Step  
Treatments:

Acceptable Successful regeneration will meet minimum stocking requirements for aspen.  
Regen:

Other Old next step comments: Regeneration survey in 4 years. Aspen, maple, Balsam Fir and White Pine are acceptable regeneration.

Comment:

Proposed Start Date: 10/1 /2017

47	52156047-NF	10.7	3301 - Low Density Deciduous Trees	Nonstocked			NonForestMgt	Other - Specify	320 - Upland Shrub		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Mow, plant, burn, brush, or herbicide to maintain semi open character of stand. Plant hard and/or soft mast.

Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

52	52156052- Monitor	21.7	4130 - Aspen	Sapling Well	6	Immatur re	Monitoring	Natural Regen (Re-Inventory)	4130 - Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Rergen check during next inventory cycle for adequate regeneration.

Specs:

Next Step  
Treatments:

Acceptable Successful regeneration will meet minimum stocking requirements for aspen.  
Regen:

Other Old next step comments: Regeneration survey in 4 years. Aspen, maple and Balsam Fir are acceptable regen.

Comment:

Proposed Start Date: 10/1 /2017



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	Approval Status
58	52156058-Cut	15.2	4311 - Pine, Aspen Mix	Sawtimber Well	68	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

**Habitat Cut: No**      **Site Condition: Survey Needed**

Prescription Clearcut to 2". Leave white pine over 18"DBH.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen and maple is acceptable.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

59	52156059-NF	18.2	4117 - Mixed N. Hardwood - Pine	Sawtimber Poor	66	1-50	NonForestMgt	Other - Specify	330 - Low- Density Trees		Draft Field Boundary
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**Habitat Cut: No**      **Site Condition:**

Prescription Mow, plant, burn, brush, or herbicide to maintain semi open character of stand. Plant hard and/or soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

61	52156061- Monitor	14.9	4110 - Sugar Maple Association	Sawtimber Well	87	81-110	Monitoring	Natural Regen (Re-Inventory)	411 - Northern Hardwood	Uneven- Aged	Draft Field Boundary
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**Habitat Cut: No**      **Site Condition:**

Prescription Regen check.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking of northern hardwoods.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2017

**Total Treatment  
Acreage Proposed: 359.1**



## Report 4 – Site Conditions

Gaylord Mgt. Unit  
Shannon Harig : Examiner

Compartment: 156  
Year of Entry: 2020

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions								
		With Condition	Not Available		2I	5C	2F	2G	2H	3J	5E		
429	421	0	8	Aspen				6					2
4	4	0	0	Bog									
11	11	0	0	Cedar									
22	22	0	0	Herbaceous Openland									
11	11	0	0	Low-Density Trees									
9	0	0	9	Lowland Aspen/Balsam Poplar							7		1
9	9	0	0	Lowland Mixed Forest									
41	41	0	0	Lowland Shrub									
8	3	5	0	Lowland Spruce/Fir		5							
37	37	0	0	Marsh									
32	32	0	0	Mixed Upland Deciduous									
60	60	0	0	Natural Mixed Pines									
150	111	39	0	Northern Hardwood		39							
82	82	0	0	Red Pine									
10	10	0	0	Upland Conifers									
24	0	15	8	Upland Mixed Forest	15		8						
7	0	0	7	Upland Spruce/Fir					7				
5	5	0	0	Urban									
10	10	0	0	White Pine									
961	869	59	32	Total Forested Acres	15	44	8	6	7	7		3	
	90%	6%	3%	Relative Percent									

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

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

## Report 4 – Site Conditions

Gaylord Mgt. Unit  
Shannon Harig : Examiner

Compartment: 156  
Year of Entry: 2020

2	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	<b>Unavailable</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Available</b>	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Available</b>	5C: Delay treatment for age/size class diversity or exceptional site quality	40	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	3J: Water quality / BMPs (stream, river, or lake)	7	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Report 4 – Site Conditions

8	Unavailable	2F: Too steep	8	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	2I: Survey needed	15	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

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## Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Gaylord Mgt. Unit		Report 7 – Forested Stands			Compartment: 156 Year of Entry: 2020
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42260 - Natural Pine, Mixed Deciduous	Sawtimber Medium	8.6	44	1-50	Red Pine and White Pine are seeding into some of the openings. Some small cherry filling in also.
2	4130 - Aspen	Poletimber Well	7.1	41	81-110	Just coming into pole class.
3	4130 - Aspen	Sapling Well	29.3	12	Immature	Regen looks good.
4	42290 - Natural Mixed Pine	Sawtimber Well	47.9	58	81-110	A lot of the pine in this stand is large and of poor form. Poor quality Red Maple and aspen stems. PARVVb/AFO
6	42110 - Planted Red Pine	Sawtimber Well	15.9	56	111-140	Some 16"+ Red Pine scattered throughout stand. BA is 120.
7	4110 - Sugar Maple Association	Poletimber Well	80.1	79	111-140	Hilly. Mediocre quality stems. BA = 123.PARVVb/AFO
8	4130 - Aspen	Sapling Well	11.2	26	1-50	Well stocked. Looks healthy.
9	4199 - Other Mixed Upland Deciduous	Sapling Well	26.7	12	Immature	Great mixed stand.
10	4110 - Sugar Maple Association	Sawtimber Well	7.7	88	81-110	Poor quality stems.
11	4139 - Aspen, Mixed Deciduous	Sapling Well	19.9	26	Immature	Well stocked, looks good.
12	4139 - Aspen, Mixed Deciduous	Sawtimber Poor	9.5	58	1-50	Poor quality aspen and hardwood. PARVVb/AFO
13	4199 - Other Mixed Upland Deciduous	Sapling Well	4.9	47	81-110	Looks healthy.
14	4130 - Aspen	Poletimber Well	19.1	36	81-110	Just coming into pole class. Looks good.
15	4130 - Aspen	Sapling Well	16.5	26		Looks healthy. North part of stand was harvested in 1976.
17	4110 - Sugar Maple Association	Poletimber Medium	6.5	36	1-50	Mostly Black Cherry and Red Maple stump sprouts.
18	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	14.6	54	111-140	Some areas of good quality pine though overall lower quality stand. PARVVb/AFO
21	4130 - Aspen	Sawtimber Well	11.6	67	81-110	Several acres around the bog are inoperable.
22	4130 - Aspen	Sapling Well	13.7	6	Immature	Regen looks great.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
23	4130 - Aspen	Poletimber Well	34.4	36	1-50	Looks good
24	6122 - Black Spruce	Poletimber Medium	3.2	58	1-50	Leatherleaf ground cover.
26	4311 - Pine, Aspen Mix	Sawtimber Well	8.4	77	51-80	Moderate slope, wet at the bottom, inoperable.
27	4116 - Mixed N. Hardwood - Aspen	Poletimber Poor	11.5	26	1-50	Some Paper Birch and a few scattered sawlog Sugar Maple. PARVVb/AFO
29	4130 - Aspen	Poletimber Well	24.1	36	81-110	Looks vigorous. Just coming into pole class.
30	42260 - Natural Pine, Mixed Deciduous	Sawtimber Medium	0.0	44	1-50	Red Pine and White Pine are seeding into some of the openings. Some small cherry filling in also.
31	42200 - Natural White Pine	Sawtimber Well	3.2	56	111-140	A few scattered Black Cherry. Some 24"+ White Pine stumps present, probably the seed source for the current stand.
32	42110 - Planted Red Pine	Sawtimber Well	24.8	56	141-170	BA is 170, row thinned last entry.
33	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	11.2	93	51-80	Small diameters, sparse in places. Part of this stand may be disposed of to Wilmot Twp. with their transfer station.
34	42290 - Natural Mixed Pine	Sawtimber Well	3.4	62	81-110	Natural stand, looks healthy.
36	4130 - Aspen	Poletimber Well	26.8	49	51-80	
37	4130 - Aspen	Poletimber Well	18.3	37	81-110	
40	4130 - Aspen	Sapling Well	14.2	16	Immature	Some scattered pole size White Pine.
41	4130 - Aspen	Sapling Well	26.8	16	Immature	
42	42200 - Natural White Pine	Sawtimber Well	7.0	71	81-110	Large remnant white pine stumps.
43	6122 - Black Spruce	Poletimber Well	4.7	94	111-140	
44	42110 - Planted Red Pine	Sawtimber Well	20.4	56	171-200	Row thinned last entry, BA is 180
46	4130 - Aspen	Sapling Well	51.0	6		Good looking regeneration.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
48	4130 - Aspen	Poletimber Well	9.3	36	81-110	
49	4130 - Aspen	Sapling Well	25.7	15	Immature	Looks good.
51	42210 - Natural Red Pine	Sawtimber Poor	6.1	58	51-80	Silver Lake BAS
52	4130 - Aspen	Sapling Well	21.3	6	Immature	Regeneration looks good.
53	4130 - Aspen	Poletimber Well	14.0	26		
54	6132 - Mixed Lowland Forest with Cedar	Sawtimber Poor	9.1	61	1-50	West Branch Sturgeon River runs the length of this stand. Mix of cedar, quaking aspen and fir along the bank of the river.
56	6120 - Lowland Cedar	Poletimber Well	11.3	132	171-200	Looks healthy.
57	429 - Mixed Upland Conifers	Poletimber Medium	10.0	52	1-50	
58	4311 - Pine, Aspen Mix	Sawtimber Well	15.2	68	81-110	Some very large White Pine present.
59	4117 - Mixed N. Hardwood - Pine	Sawtimber Poor	18.2	66	1-50	Open grown poor form red maple and black cherry. PARVVb/AFO
60	4130 - Aspen	Poletimber Well	18.8	25	1-50	
61	4110 - Sugar Maple Association	Sawtimber Well	14.9	87	81-110	Some good quality stems.
63	4130 - Aspen	Sawtimber Well	5.9	94	81-110	Appears to be remnants of an old stick nest in an aspen on the edge of the marsh. This stand is on a north facing slope. A lot of seeps in stand draining into the marsh to the north.
64	6112 - Lowland Aspen	Poletimber Medium	7.1	70	51-80	Poor quality stems. Perched water table, a lot of trees are showing signs of decline.
66	6112 - Lowland Aspen	Sawtimber Well	1.4	50		
71	42340 - Upland Spruce/Fir	Poletimber Medium	7.4	65	51-80	





Stand	Cover Type	Acres	Managed Site	General Comments:
5	310 - Herbaceous Openland	3.1	No	
16	6225 - Bog	2.7	No	
19	6220 - Alder/willow	36.8	No	
20	310 - Herbaceous Openland	1.3	No	
25	6230 - Cattail	30.8	No	
28	6225 - Bog	1.1	No	
35	310 - Herbaceous Openland	3.0	No	
38	122 - Road/Parking Lot	2.1	No	Peet Road
39	310 - Herbaceous Openland	12.2	No	Power Line ROW
47	3301 - Low Density Deciduous Tree	10.7	No	Scattered maple and white pine.
50	310 - Herbaceous Openland	2.8	No	
55	6220 - Alder/willow	3.8	No	
62	6230 - Cattail	6.7	No	
65	122 - Road/Parking Lot	0.4	No	Wilmot Twp. transfer station
67	122 - Road/Parking Lot	0.9	No	Fulmer Road
68	122 - Road/Parking Lot	1.8	No	Straights Hwy.
69	6225 - Bog	0.6	No	