



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52167

Entry Year 2023

Acreage: 501

County Cheboygan

Management Area: Cheboygan Lake Plain

Revision Date: 2021-05-04

Stand Examiner: Shannon Harig

Legal Description:

T35N-R02W, Sections 7,8,9,16,18

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:

This compartment is entirely wetlands. The Roscommon- Charity-Au Gres Association dominates.

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

There is some residential development in the area but is limited by the water and wet soils. This compartment is surrounded by private property.

Unique Natural Features:

Potential for Loon, Osprey, Black Tern, Michigan Monkey Flower and Lake Cress.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

This long compartment is nearly all wetland with some wet swamp inclusions. Waterfowl and other bird species frequent this area along with other wetland associated wildlife species. Bird watching is a popular activity here.

Mineral Resource and Development Concerns and/or Restrictions

No active sand/gravel pits occur within five miles, and potential for sand & gravel in the compartment appears to be limited. There was some minor production of hydrocarbons reported from the Collingwood Formation three miles south, but additional development of the Collingwood in northern Michigan is not thought to be economical at this time. There is no known potential for oil & gas from other known producing formations in this area. There is no known potential for metallic minerals in this part of the state.

Vehicle Access:

Survey Needs:

None needed.

Recreational Facilities and Opportunities:

Opportunity for fishing and bird watching. There is a small private campground north of the compartment. The NCST borders part of this compartment.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

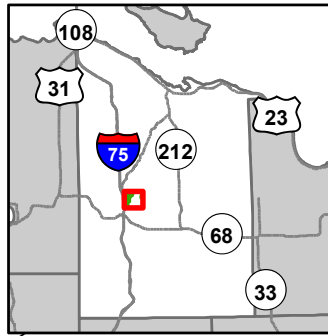
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

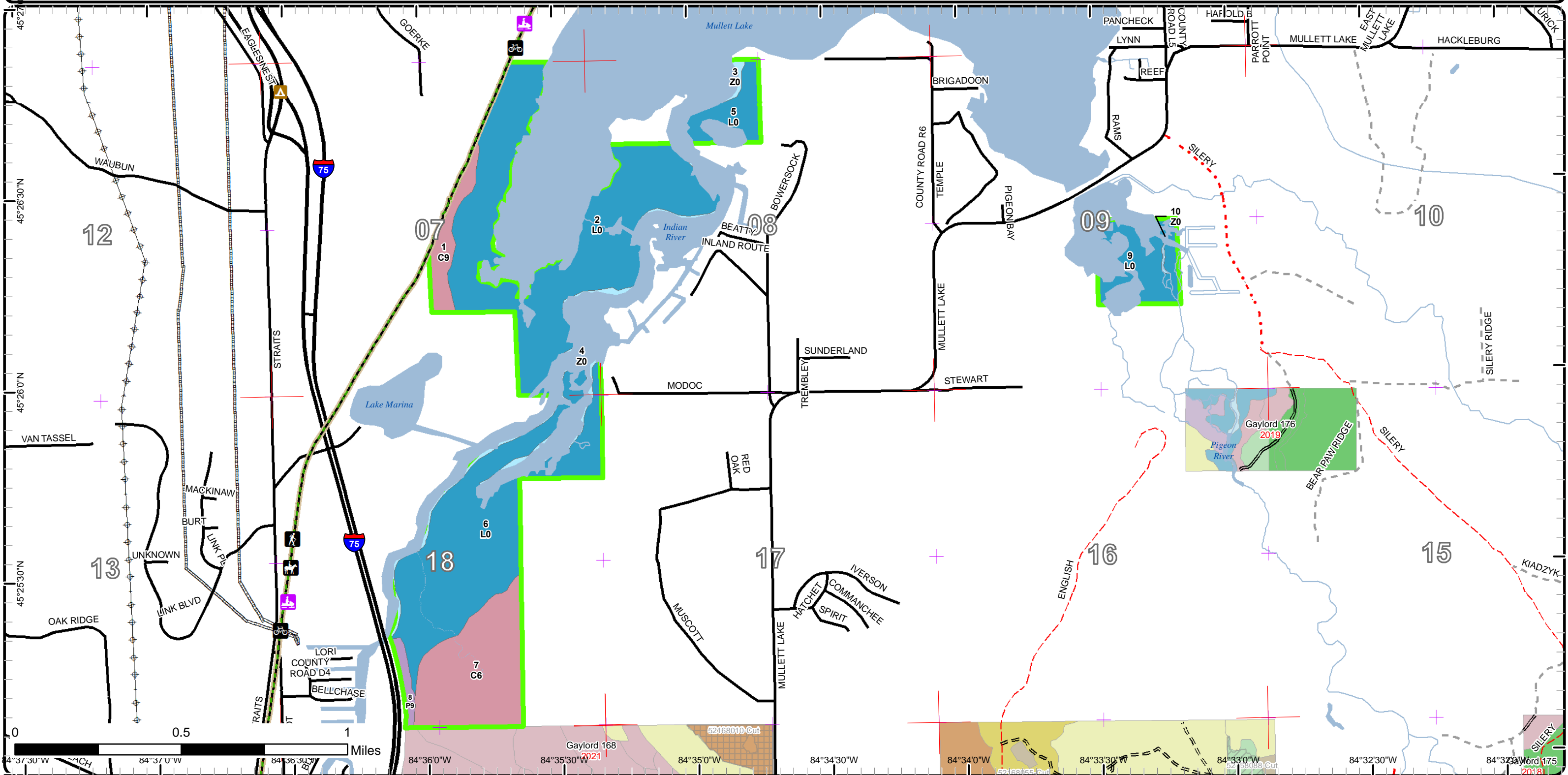
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 167
 T35N, R02W, Sec. 7-9, 18
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Cheboygan Lake Plain
 YOE: 2023
 Acres: 501.2 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 10/5/2021
 Map Phase: Post-Review

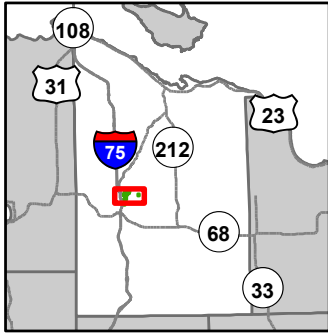


- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Bike Trails
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- Perennial River
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- Compartment Boundary
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 500 - Water
- 629 - Mixed Non-forested Wetland

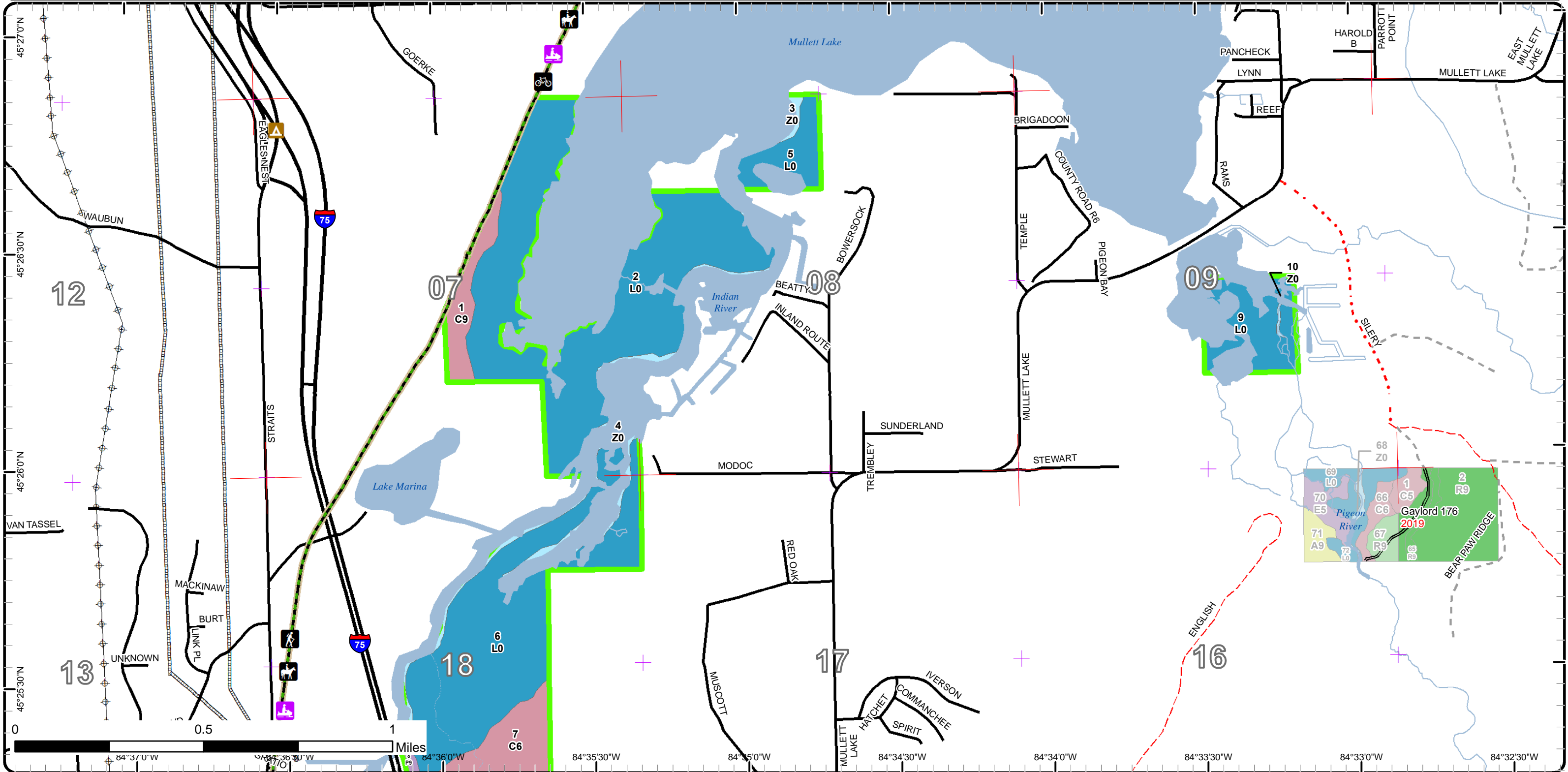


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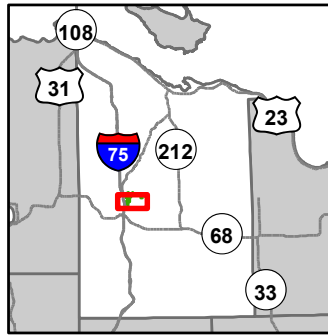


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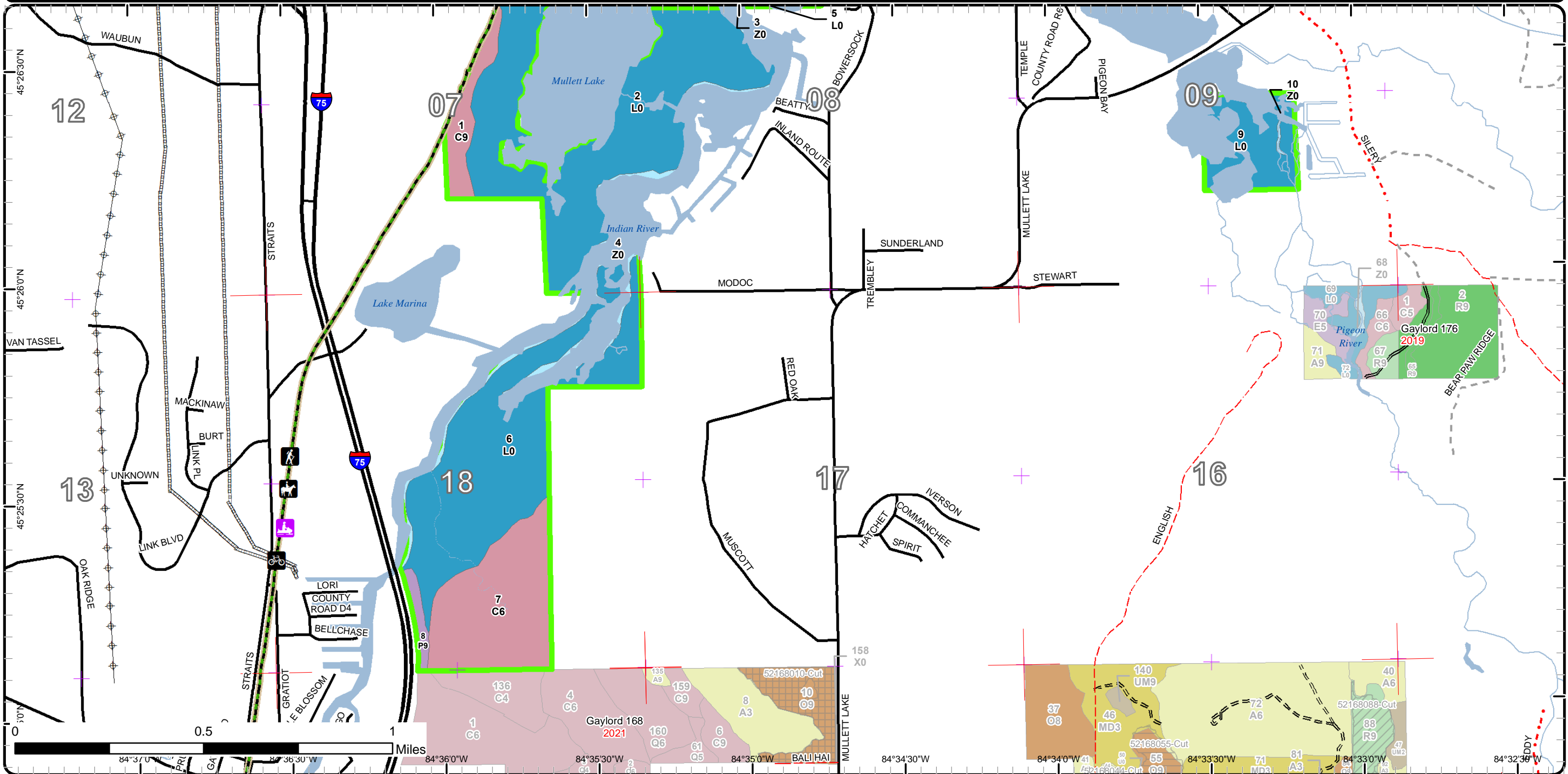


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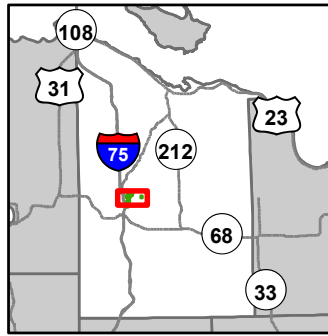


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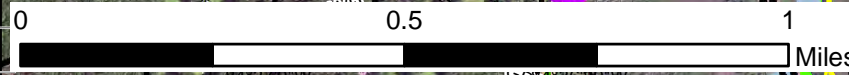
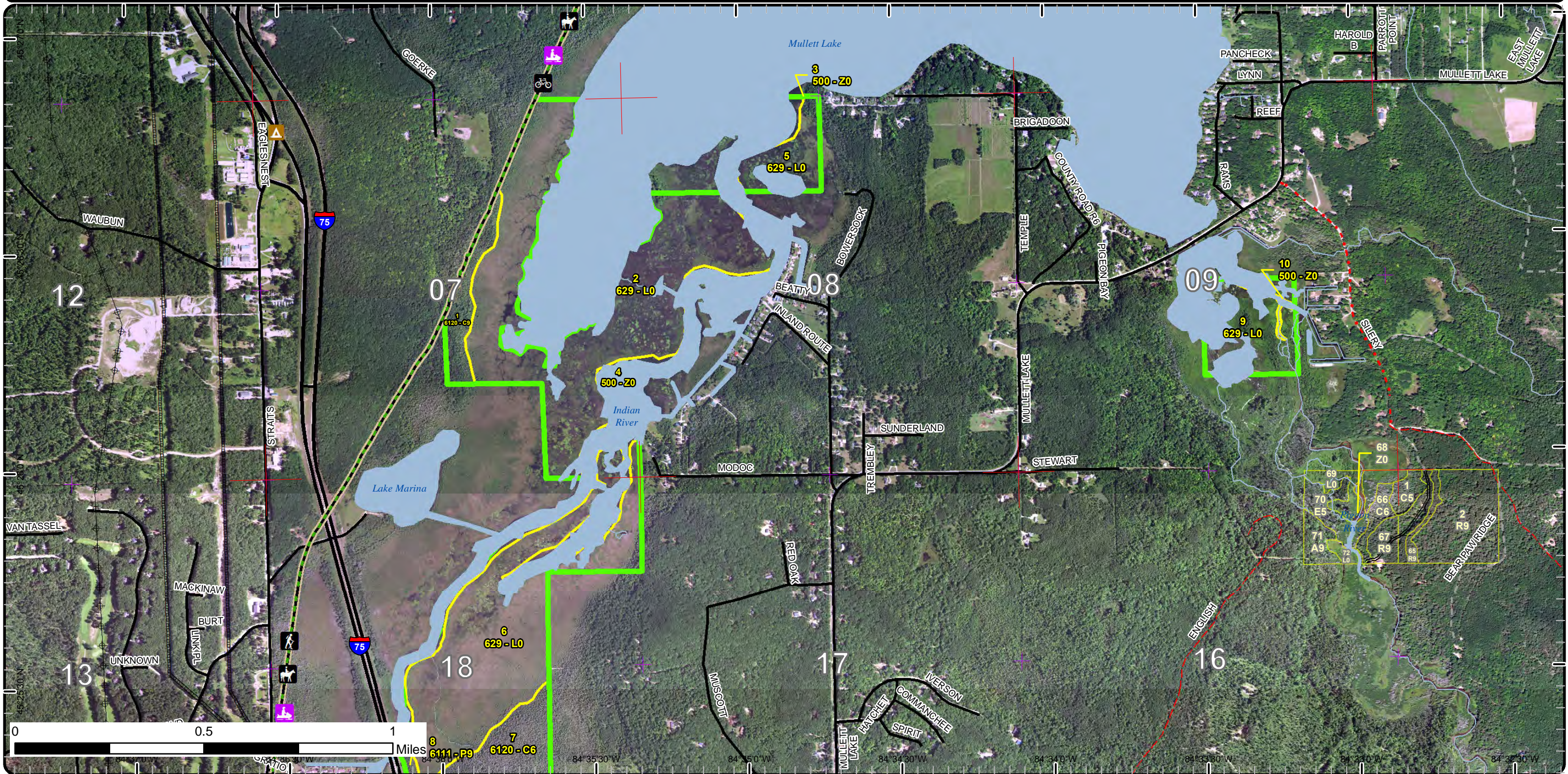


Stand Boundary Map

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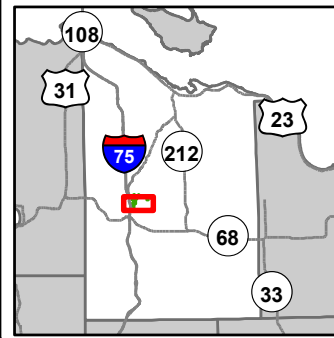
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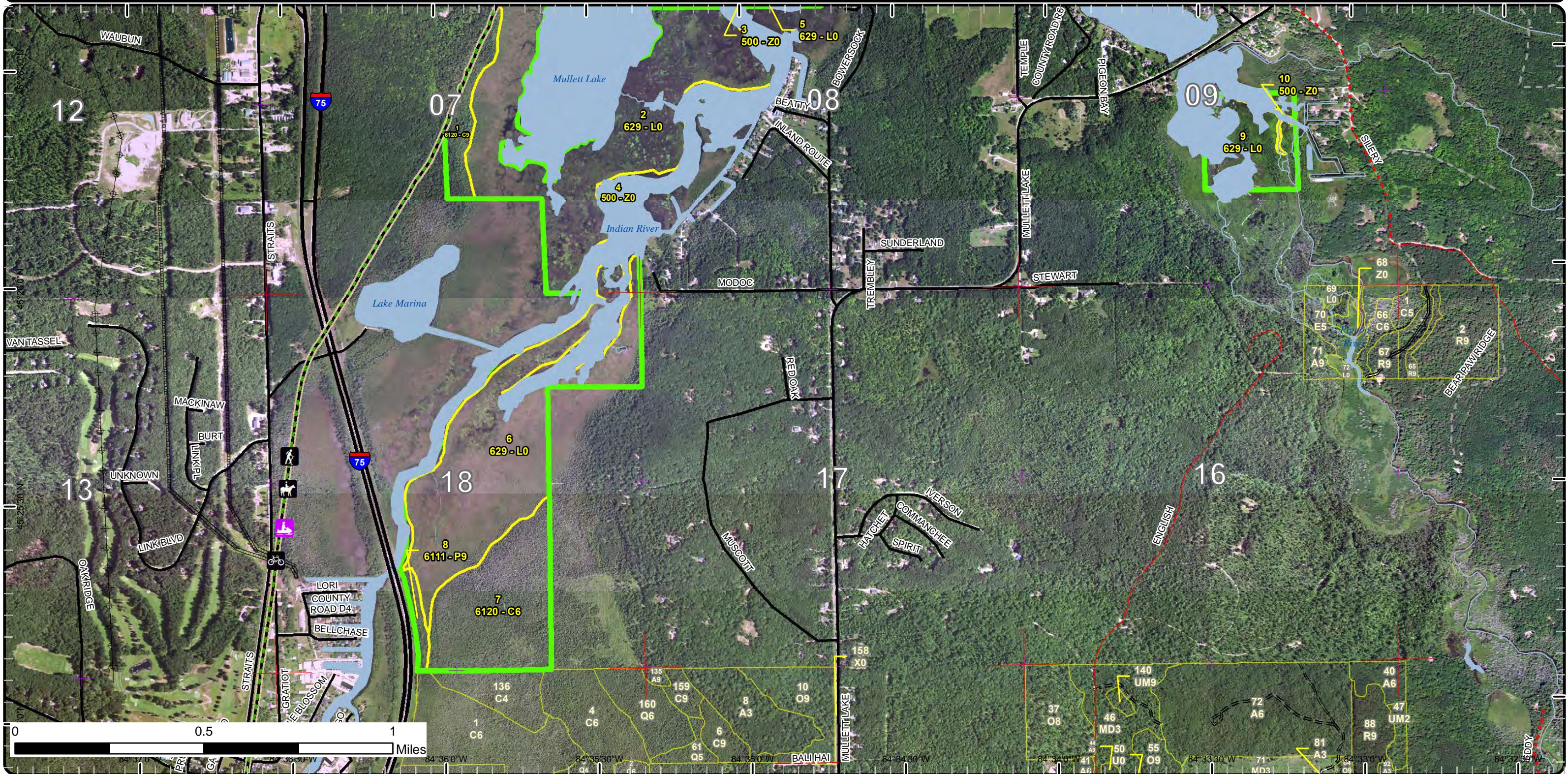
84°35'30" W 84°35'0" W 84°34'30" W 84°34'0" W 84°33'30" W 84°33'0" W

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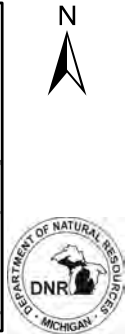
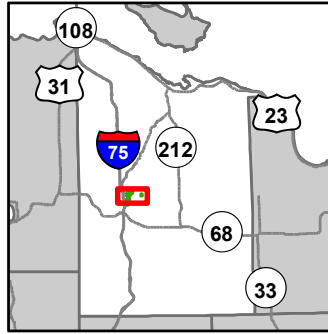


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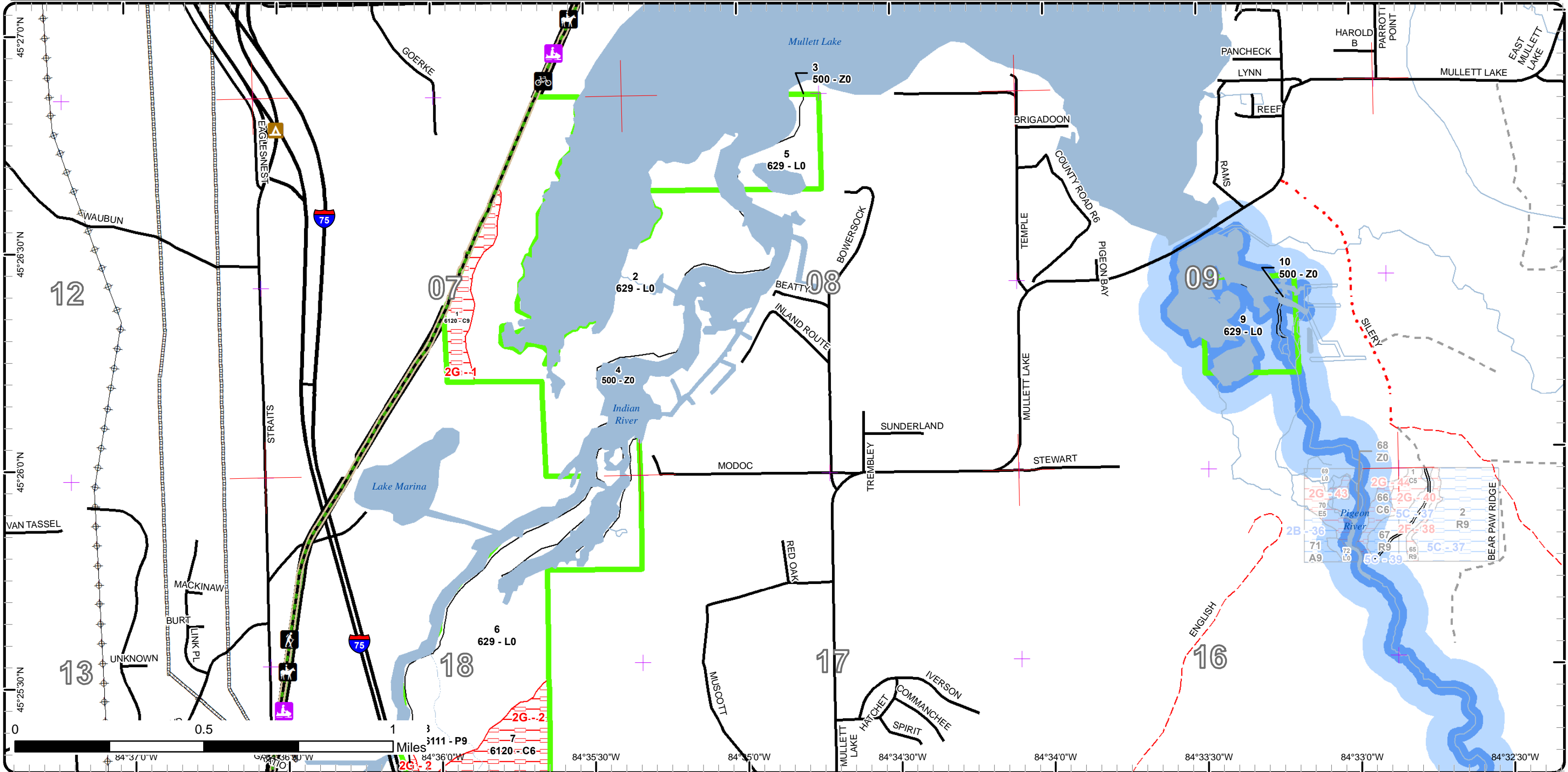


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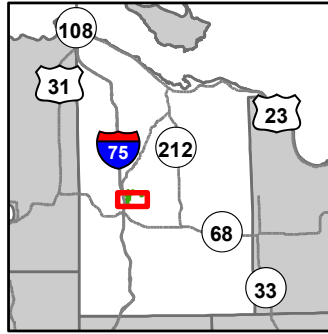


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- Compartment Boundary
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- Stand Boundaries
- SCA
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- Cold Water Lakes
- Rail-Trail Corridor

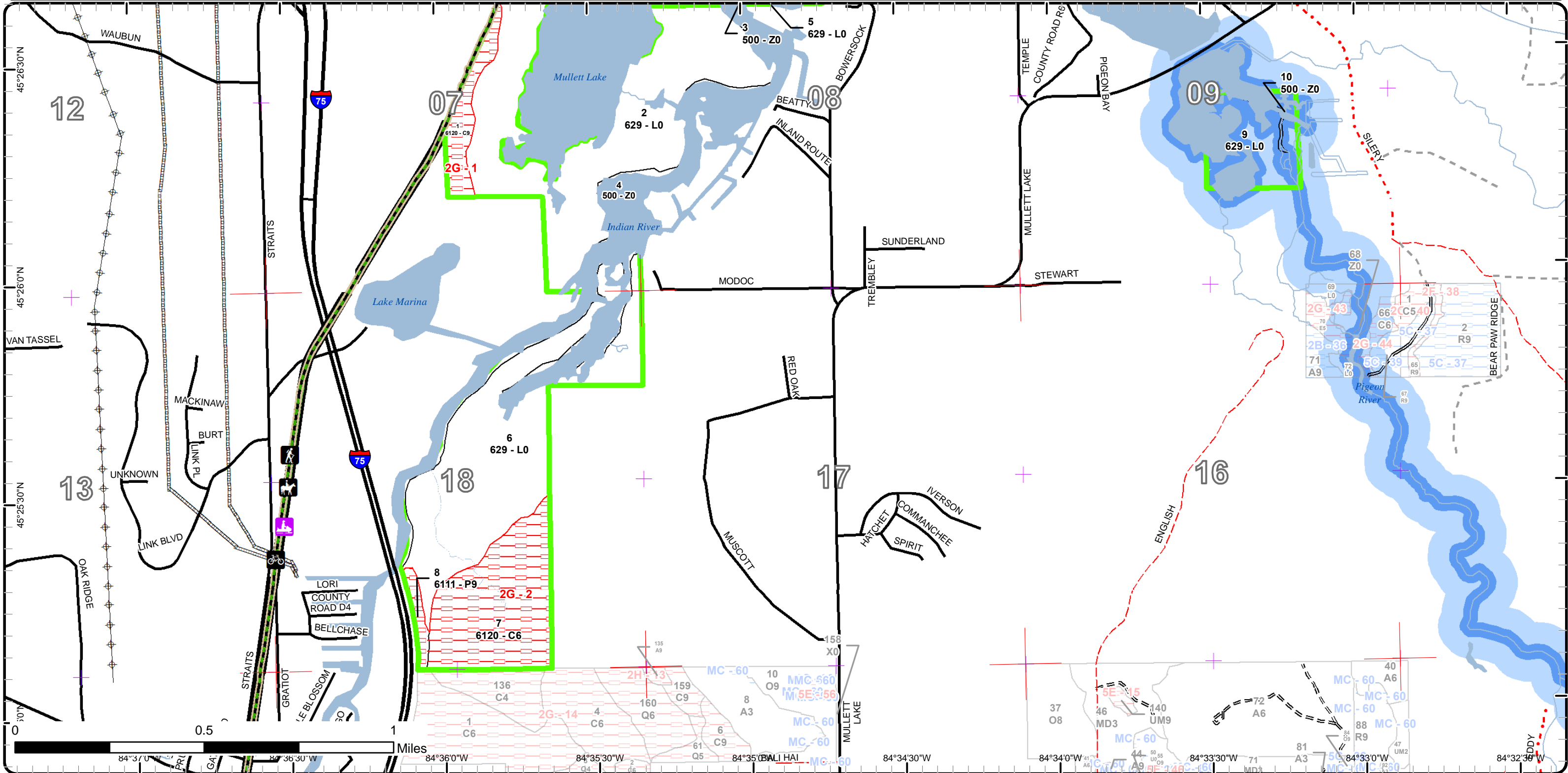


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Report 1 – Total Acres by Cover Type and Age Class

Gaylord Mgt. Unit

Compartment 167 Year of Entry 2023

Shannon Harig : Examiner



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	67	0	0	17	0	82
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Lowland Shrub	353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	353
Water	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Total	413	0	0	0	0	0	0	0	5	0	0	0	0	67	0	0	17	0	500



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2023

Acres of Harvest

Compartment 167

Total Compartment Acres: 501

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

Mgt. Unit

Report 3 -- Treatments

Compartment:

Year of Entry:



S
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d

Treatment
Name

Acres

Stand
CoverType

Size
Density

Stand
Age

BA
Range

Treatment
Type

Treatment
Method

Cover Type
Objective

Age
Structure

Habitat
Cut

Total Treatment
Acreage Proposed: 0

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 167
Year of Entry: 2023

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

2G

83	0	0	83	Cedar	83
5	0	0	5	Lowland Aspen/Balsam Poplar	5
353	353	0	0	Lowland Shrub	
60	60	0	0	Water	
501	413		88	Total Forested Acres	88
	82%		18%	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	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	72	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																											
1	6120 - Lowland Cedar	Sawtimber Well	16.5	158	141-170	N/A	Nice looking cedar. Healthy																											
<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>Paper Birch</td> <td>5</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>90</td> <td>Log/Pole</td> <td>10</td> <td>158</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole/Log	10		Quaking Aspen	5	Log	12		Northern White Cedar	90	Log/Pole	10	158							
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2	629 - Mixed non-forested wetland	Nonstocked	172.2		Unspecified	No																												
3	500 - Water	Nonstocked	6.6		Unspecified	No																												
4	500 - Water	Nonstocked	51.2		Unspecified	No																												
5	629 - Mixed non-forested wetland	Nonstocked	20.6		Unspecified	No																												
6	629 - Mixed non-forested wetland	Nonstocked	122.3		Unspecified	No																												
7	6120 - Lowland Cedar	Poletimber Well	66.5	129	111-140	N/A	Showing signs of decline																											
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8	6111 - Lowland Balsam Poplar	Sawtimber Well	5.3	79	51-80	N/A																												
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