



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45063

Entry Year 2026

Acreage: 553

County Chippewa

Management Area: Rudyard Silty Lake Plain

Stand Examiner: Kenny Fanelli

Legal Description:

T46N R01E Section 24, T46N R02E Sections 19,30

Identified Planning Goals:

This compartment is part of the Munuscong State Wildlife Management Area. The primary focus for this area will be waterfowl and openland species. The wet meadows and grassy openings could be maintained by prescribed burnings which would be used to control the tag alder and willow. EAB has affected what little forested area exists in this compartment. Being a small compartment it is important to minimize vehicle access into the compartment while maintaining adequate access for foot traffic into the compartment.

Soil and topography:

There are four different soil types in this compartment: Ermatinger silt loam, Burleigh loamy fine sand, Deford fine sand, and ponded histosols and aquents. The terrain is very flat and wet.

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

This compartment is divided up into two blocks of state land. There are many private parcels surrounding the state land. Most of the residence located along the water are seasonal. The north block is adjacent to a large farm which grows hay. The largest single landowner adjacent to the compartment is Michigan State University with their Dunbar Research Forest.

Unique Natural Features:

The entirety of the shoreline of this compartment is a Great Lakes Marsh.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment.

Special Management Designations or Considerations:

There is a 20 acre conservation easement located in the north block of state land. This easement was required by DEQ as match for the boat launch at Kemps Point. No equipment is allowed in the easement and no management can take place in this area including prescribed burns.

Watershed and Fisheries Considerations:

This compartment is adjacent to Lake Nicolet on the St. Marys River. This waterbody provides important spawning and nursery habitat for walleye, northern pike, and yellow perch in the St. Marys River system. Management should minimize erosion into the waterbody, and should incorporate standard BMPs.

Wildlife Habitat Considerations:

This compartment is located within the Munuscong Bay State Wildlife Management Area, and is comprised of a coastal area along the St. Mary's River. Acquisition of the portion of this compartment between 10-Mile and 11-Mile roads made possible by a NAWCA grant. Marsh and wet meadow, shrub/scrub, and lowland aspen and ash are the primary cover types. Most forested stands are sparsely stocked. Openings maintenance or invasive species control may take place as necessary and resources allow to maintain or enhance the coastal marsh or wet meadow habitat, which would benefit species ranging from waterfowl to grassland birds. Access trails exist on the southern part of the compartment serviced by a parking area toward the east end of 11-Mile Road. Management objectives include maintaining the coastal habitats for waterfowl and other migratory species, encouraging stand diversity, and maintaining public access for hunting and wildlife viewing.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for economic production of oil & gas or metallic minerals in this part of the state. The nearest active sand/gravel operation is several miles away, and potential for development of sand & gravel within the compartment appears to be limited. Potential for future mineral development within the compartment is considered low at this time. The State does not own all the mineral rights within the compartment but may own the rights to the bedrock non-metallic minerals. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

This compartment can be accessed off of 9 Mile, 10 Mile, and 11 Mile roads. There is a parking lot located on 11 mile road. This is the access point for the south block of this compartment. The south block has a road which runs north-south and a road that runs east out to the edge of the river. The road is gated off at both the north and south ends and open to foot traffic only. The northblock has no roads or trails through it and is foot access only.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

There is an improved parking area located on 11 Mile Rd. there are numerous oppurtunities for wildlife view and hunting of small game, deer and waterfowl in this compartment.

Fire Protection:

The grass marsh area in this compartment has a high potential for wildfires. There are plenty of locations to get water if needed. It should be noted that no equipment is allowed into the conservation easement area. If there is a wildfire it needs to be stopped before it gets to it or after it burns through it.

Additional Compartment Information:**The following reports from the Inventory are attached:**

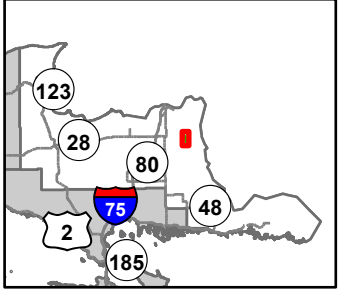
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

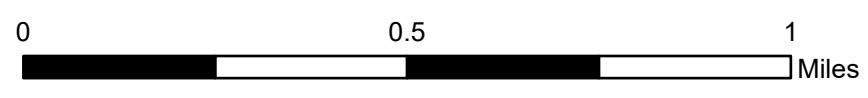
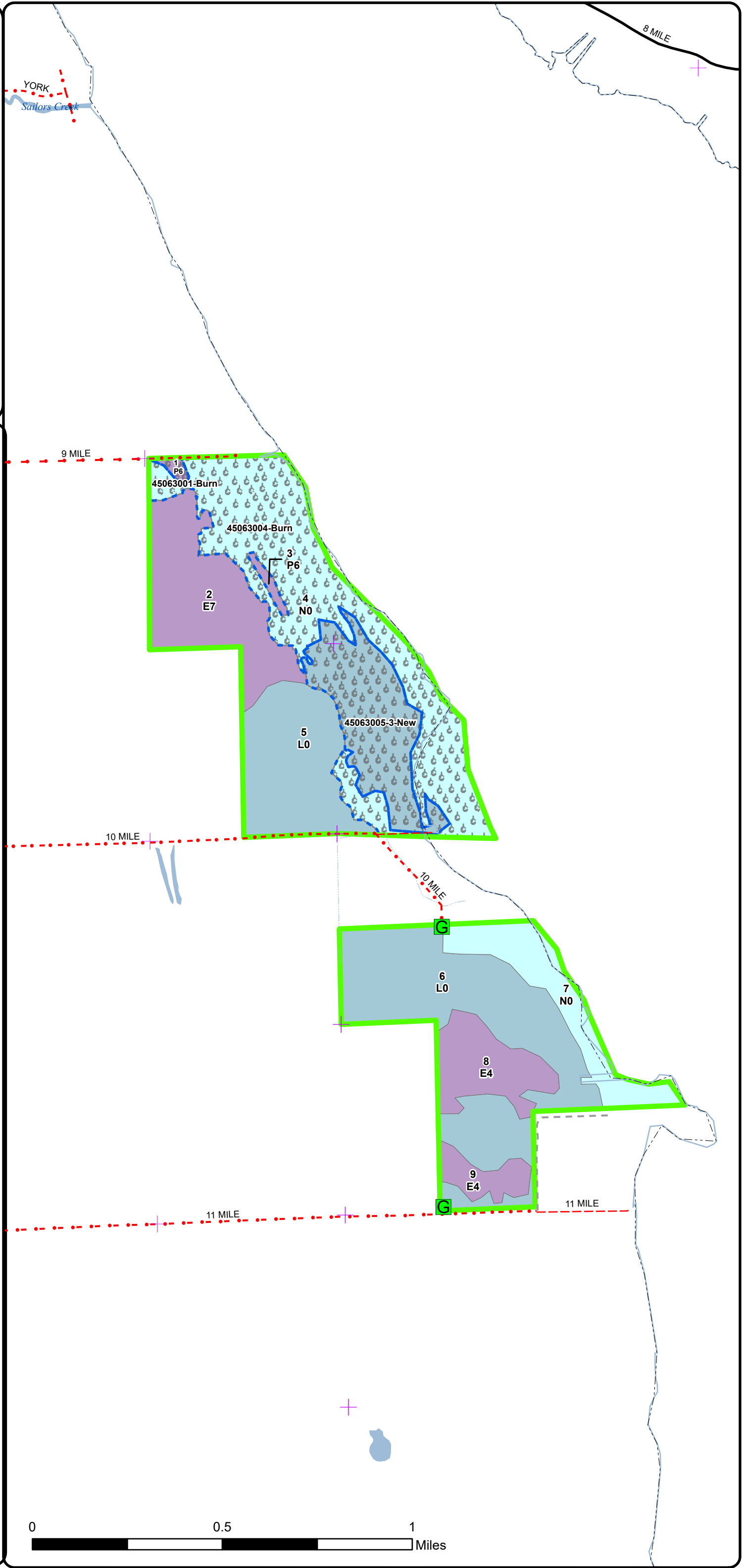
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 45063
 T46N, R01E, Sec: 24
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Rudyard Silty Lake Plain
 Plain
 YOE: 2026
 Acres: 553.4 GIS Calculated
 Examiner: Kenny Fanelli
 Map Revised: 07/20/2024
 Map Phase: Web Post

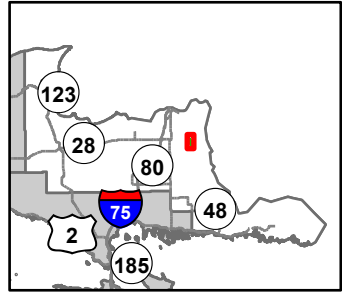


- Gate
- + Remonumented Section Corners
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Prescribed Burn
- 611 - Lowland Deciduous Forest
- 622 - Lowland Shrub
- 623 - Emergent Wetland

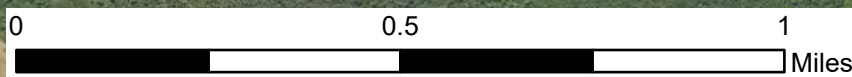
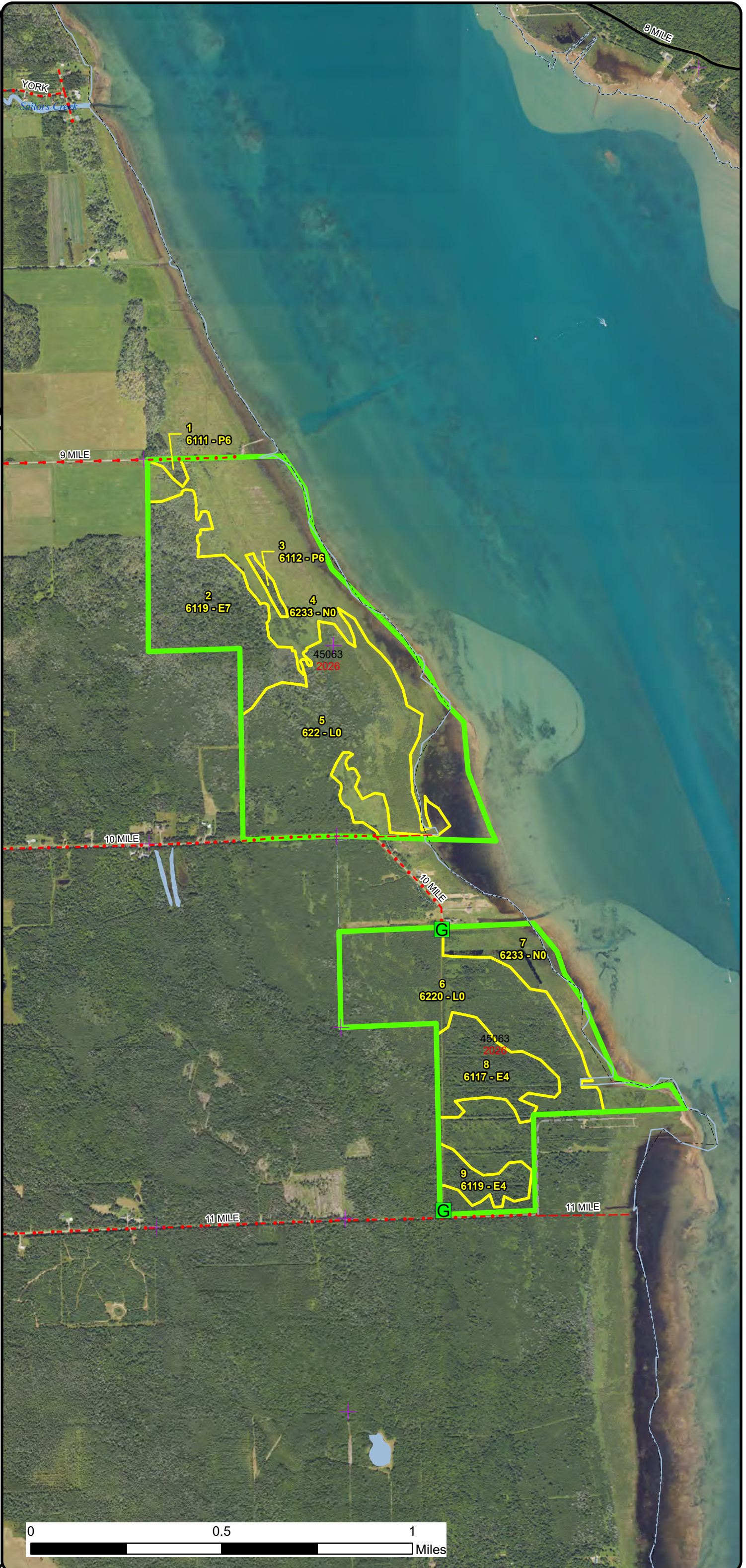


Stand Boundary Map

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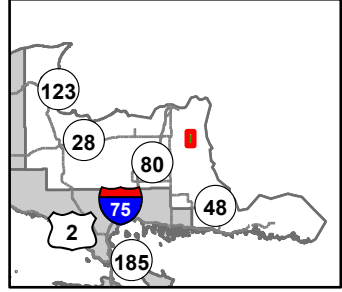


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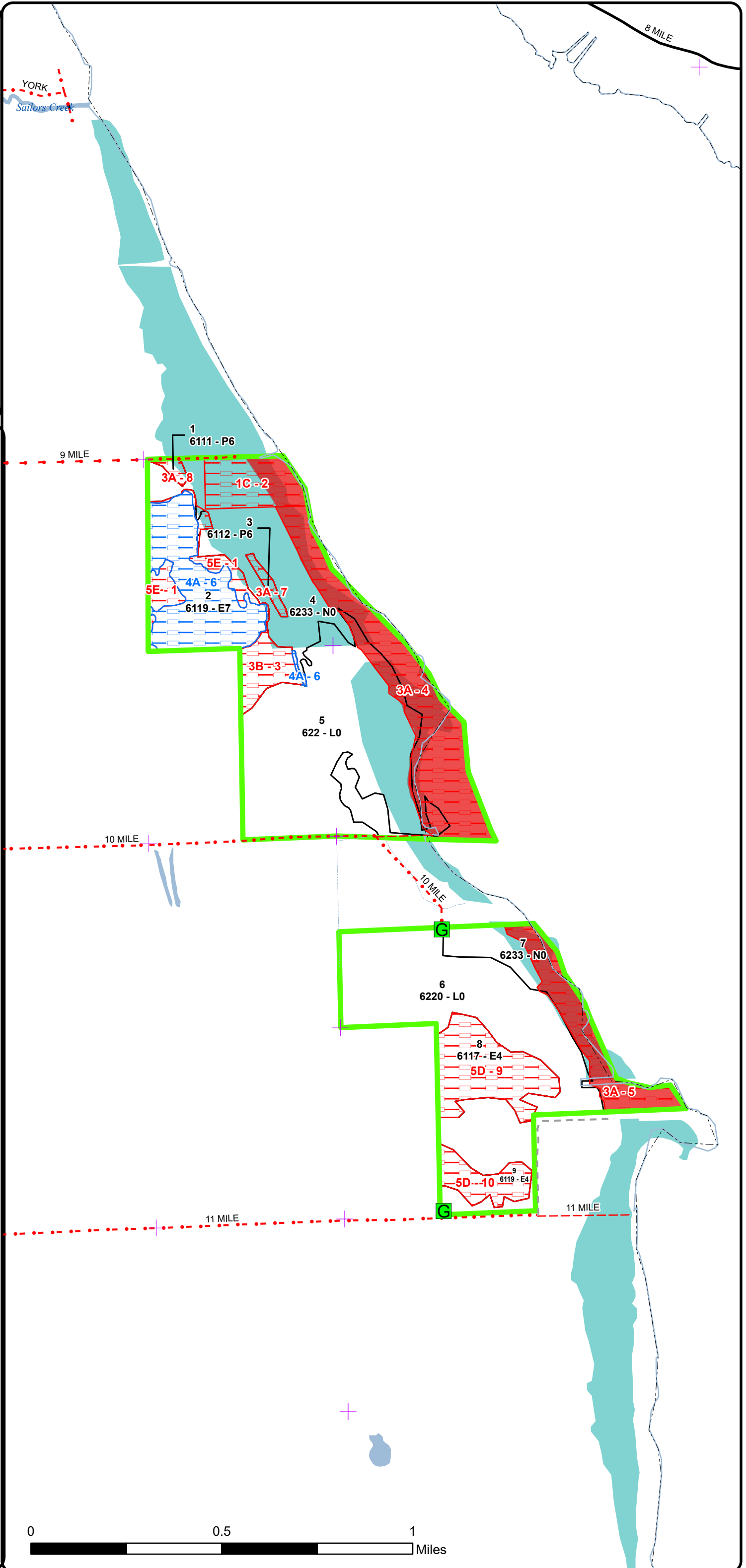


Special Conservation Areas & Site Conditions Map

Compartment: 45063
 T46N, R01E, Sec: 24
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 Unit: Sault Ste. Marie
 Mgmt Area: Rudyard Silty Lake Plain
 Plain
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 - Private - Dirt / Gravel Road
 - Intermittent Stream
 - Lake/Pond
 - Perennial River
 - Shoreline
 - Lakes and Rivers
 - Compartment Boundary
 - Available w/ Constraints
 - Unavailable
- 4A: No Markets Available for these Forest Products
 1C: Other dept or div proc/practices
 3A: Conservation Values incompatible with harvest at this time
 5D: Unproductive Forest Land
 5E: Long-Term Retention
- Stand Boundaries
 - Ecological Reference Areas
 - Coastal Environmental Areas



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+	Uneven-Aged	Total
Lowland Aspen/Balsam Poplar	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Deciduous	0	0	0	0	0	0	0	48	0	0	0	70	0	0	0	0	0	0	118
Lowland Shrub	248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	248
Marsh	182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	182
Total	430	0	0	0	0	2	3	48	0	0	0	70	0	0	0	0	0	0	553



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2026

Acres of Harvest

Compartment 63
Total Compartment Acres: 553

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

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	0	0	0	0	202	0	0	0	0	202
Next Step	0	0	0	0	202	202	0	0	0	403
Total	0	0	0	0	403	202	0	0	0	605



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:

1	45063001-Burn	2.1	6111 - Lowland Balsam Poplar	Poletimber Well	49	111-140	Burn	Opening	6233 - Wet Meadow		No
<p><u>Prescription</u> Burn to maintain or enhance the marsh habitat (authorization from EGLE required for conservation easement area). Invasive species control as necessary by spraying, cutting, or other appropriate method.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Burn, Opening; Pesticide, Other - Specify</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Conservation Values</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
4	45063004-Burn	139.5	6233 - Wet Meadow Nonstocked				Burn	Opening	6233 - Wet Meadow		No
<p><u>Prescription</u> Burn to maintain or enhance the marsh habitat (authorization from EGLE required for conservation easement area). Invasive species control as necessary by spraying, cutting, or other appropriate method.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Burn, Opening; Pesticide, Other - Specify</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Conservation Values</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
5	45063005-3-New	60.1	622 - Lowland Shrub Nonstocked				Burn	Opening	6229 - Mixed lowland shrub		No
<p><u>Prescription</u> Burn to maintain or enhance the marsh habitat (authorization from EGLE required for conservation easement area). Invasive species control as necessary by spraying, cutting, or other appropriate method.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Burn, Opening; Pesticide, Other - Specify</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Conservation Values</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											

Total Treatment Acreage Proposed: 201.7

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 63

Year of Entry: 2026

Availability for Management

Total	Acres	<i>Acres Avail</i>	Acres
Acres	Available	<i>With Condition</i>	Not Available

Dominant Site Conditions

				4A	1C	3A	3B	5D	5E
5	0	0	5	Lowland Aspen/Balsam Poplar					
118	0	45	73	Lowland Deciduous					
248	239	0	9	Lowland Shrub					
182	74	0	107	Marsh					
553	313	45	195	Total Forested Acres					
	57%	8%	35%	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	13	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<p>Comments: This area serves as retention for the treatment. It is also where the stand started to get a little too wet for treating and had more tag alder in the understory.</p>							
2	Unavailable	1C: Other dept or div proc/practices	21	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments: This area has a conservation easement on it and is being used as match for Kemps Point. A management plan must be written for it before anything can be done in the area as per DEQ's instructions.</p>							
3	Unavailable	3B: Threatened, endangered, and special concern species	13	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments:</p>							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 63

Year of Entry: 2026

4	Unavailable	3A: Conservation Values incompatible with harvest at this time	67	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
5	Unavailable	3A: Conservation Values incompatible with harvest at this time	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
6	Available	4A: No Markets Available for these Forest Products	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3A: Conservation Values incompatible with harvest at this time	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3A: Conservation Values incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5D: Unproductive Forest Land	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 63

Year of Entry: 2026

10	Unavailable	5D: Unproductive Forest Land	14	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
HCVA	Coastal Environmental Areas	The public designation process is defined by Part 323, Shorelands Protection and Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the Michigan Department of Environmental Quality (DEQ). This is an inactive program with no new areas currently under consideration by the DEQ.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																						
1	6111 - Lowland Balsam Poplar	Poletimber Well	2.1	49	111-140	N/A	Small stand of balsam poplar and aspen just off the road. Grassy understory and wet.																																																																						
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2	6119 - Mixed Lowland Deciduous Forest	Sawtimber Poor	70.3	102	1-50	N/A	Nearly all of the ash has died out of the stand but there is enough of other species to keep this classified as a forested stand. Canopy closure is likely around 50%. Mostly red maple, aspen, and spruce.																																																																						
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Quaking Aspen	50	Log/Pole	10	53																																																																									
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Northern White Cedar	10	Pole	8	75																																																																									
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Aspen (spp.)	Medium	5 - 10 feet	Sapling																																																																										
4	6233 - Wet Meadow	Nonstocked	139.5			No	Mostly marsh grass but some low shrubs can be found throughout the stand. There is a line of trees and shrubs that can be found along the shoreline.																																																																						
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5	622 - Lowland Shrub	Nonstocked	125.4			No	Tag alder and willow.																																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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6	6220 - Alder/willow	Nonstocked	122.9			No	There are scattered trees through the shrub stand. Mostly paper birch, aspen, spruce and tamarack.																																																																		
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7	6233 - Wet Meadow	Nonstocked	42.4			No	Mostly marsh grass but some shrubs are scattered through the stand.																																																								
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8	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Poor	34.4	64	1-50	N/A	Scattered trees with tag alder growing under it. Lots of red maple and birch saplings growing in.																																					
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9	6119 - Mixed Lowland Deciduous Forest	Poletimber Poor	13.7	64	1-50	N/A	Scattered pole sized aspen, red maple and birch with tag alder underneath. Some scattered mature spruce. There is a crab apple along the trail.																																										
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