



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 56

Entry Year 2016

Acreage: 2,108

County Chippewa

Management Area: Munuscong Bay

Revision Date: 07/02/2014

Stand Examiner: Josh Brinks

Legal Description:

T44N, R01E Sections 13-15, 22-24

Identified Planning Goals:

To provide and promote a wide variety of wildlife habitats through timber harvesting and other management practices. Two of the proposed treatments in this compartment are for mature aspen stands which need to be cut in order to maintain that forest type on the landscape. The other treatments are salvage treatments of ash stands which are subject to EAB. Another goal is to maintain safe access and recreational opportunities both in the campground and in the surrounding forest and wetland areas.

Soil and topography:

Soils are Fibre-Allendale-Pickford and Ermatinger-Wega-Burleigh. Both are very deep, nearly level, poorly drained, mucky, sandy and loamy soils on lake plains, ground moraines, outwash plains, and former flood plains of glacial rivers. Topography is level, lowland, with timber and marsh and brush as cover.

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

A fairly large block of State land as Sault compartments go. Private on the north, south, and west sides (borders Riverside Dr. on the west). Mostly permanent residents with a few camps are found along the State boundary. Farming and hunting are the prevalent activities in and around the compartment, aside from camping, (see Recreational Facilities).

Unique Natural Features:

Contains over a mile of marsh shoreline on Munuscong Bay and the Munuscong River bounds the north side of the compartment.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

This compartment is located in the Munuscong State Wildlife Management Area. The Munuscong State Forest Campground is located within the compartment. Special considerations should be taken when thinking about treatments as to how they will impact wildlife habitat and the recreational values of the area.

Watershed and Fisheries Considerations:

This compartment contains portions of the Munuscong River and is adjacent to Munuscong Bay. These waterbodies represent important spawning and nursery habitat for walleye, northern pike, and muskellunge in the St. Marys River system. Management should minimize erosion into these waterbodies, and should incorporate standard BMPs.

Wildlife Habitat Considerations:

This compartment is located south of the Munuscong River in the Munuscong State Wildlife Management Area. The coastal portion of this compartment is part of the western shore of Munuscong Lake, and impoundments created in mid-1960s are located in the compartment. A variety of waterfowl and other wetland wildlife including mallards, teal, and wood ducks as well as other wetland wildlife species are common here. Forested areas are primarily lowland and contain aspen and poplar, ash, maple, birch, tamarack, spruce, and balsam fir. Alder is common in the understory. Near-shore stands are used by raptors like eagles and osprey. Deer travel through this area heading to and from wintering complex nearby. This compartment provides the primary public access point to Munuscong Bay and the coastal marsh via boat and canoe/kayak launches along the Munuscong River and walk-in access via the dikes and a marsh overlook area at the end of 21-Mile Road.

Wildlife objectives include maintaining and improving the coastal habitats, protecting rare species and controlling invasive species, providing some early successional growth, and improving access to the coastal marsh for hunting and wildlife

viewing. Openings maintenance activities, likely prescribed burns, may take place along the coast where shrubby growth has encroached into marsh and wet meadow areas during lower water periods to benefit waterfowl and sharp-tailed grouse. Some early successional management will benefit ruffed grouse, American woodcock, deer, and other species. Placing water control structures on the dike in strategic locations will enhance water manipulation capabilities to maintain near-shore marsh habitat for waterfowl and improve public access to marsh habitat at this site, particularly during low water periods. Invasive species monitoring and control is planned to continue as needed and resources allow.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) clay, silt, sand and gravel. The glacial drift thickness varies between 100 and 200 feet. The Ordovician Utica and Collingwood Shales subcrop below the glacial drift. These formations do not have an economic use. Gravel pits are located in Section 22 and potential appears to be good in this area. There is no current economic oil and gas production in the UP.

Vehicle Access:

The only access to the interior is from Riverside Dr. on the west side. There are two roads within the compartment; 21 Mile Rd., a seasonal road maintained by the county, and Krause Rd. which leads to Munuscong Campground. There are two gates allowing DNR only access to the dike system.

Survey Needs:

Need to check on corners in section 15. If they are not in then a survey will be needed for the treatment of stand 7.

Recreational Facilities and Opportunities:

Munuscong River State Forest Campground is in this compartment. A moderately used facility on the Munuscong River, there are 25 sites, a boat ramp, and newer lavatory facilities. The campground is a great place for small game and waterfowl hunters to stay while they hunt in the area.

Fire Protection:

There is good vehicle access to the interior of the compartment. Most of this compartment is wet even during normal conditions. Plenty of good places to set up water sources.

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 & Treatment Map

Compartment: 056
 T44N R01E Sections 13-15, 22-24
 County: Chippewa
 Unit: Sault Ste. Marie
 Management Area: Munuscong Bay
 YOE: 2016
 Acres: 2,108 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 08/07/2014
 Map Phase: Pre-Review

Legend

- Miris Corners
- Remonumented Section Corners
- DNR Survey Grade Corner
- PLSS Corner
- Iron Post
- Wood Post
- Unclassified Corners
- GPS Point
- Gate
- Cabin
- State Forest Campgrounds
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Powerline
- Stream
- Intermittent Stream
- Lakes and Rivers
- State Forest Land

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Other Harvest - See Comments
- Other Treatment - See Comments

Forest Stands

Level 3

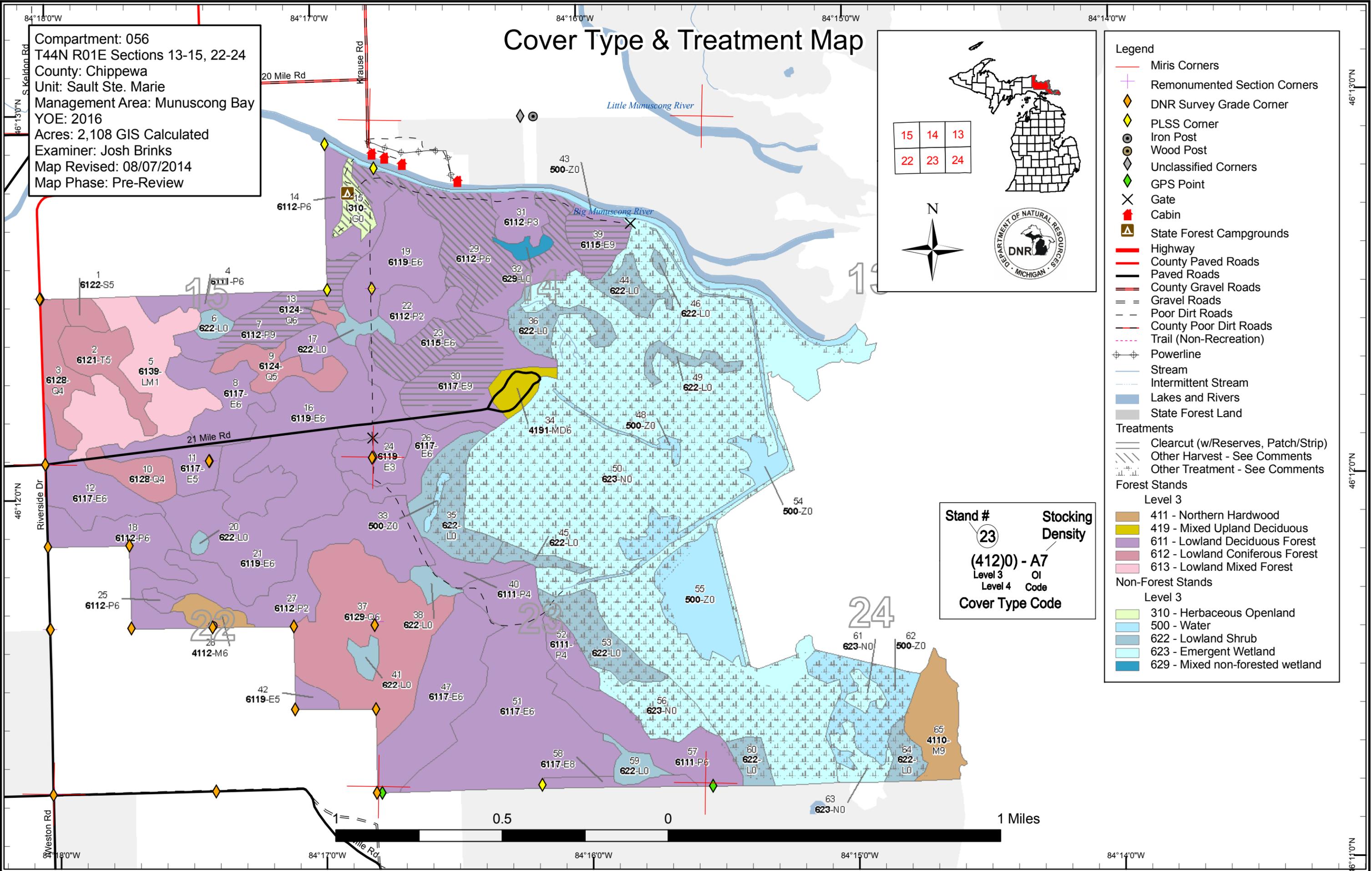
- 411 - Northern Hardwood
- 419 - Mixed Upland Deciduous
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland

Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code



Stand Boundary Map

Compartment: 056
 T44N R01E Sections 13-15, 22-24
 County: Chippewa
 Unit: Sault Ste. Marie
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 YOE: 2016
 Acres: 2,108 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 08/04/2014
 Map Phase: Pre-Review

15	14	13
22	23	24

N

Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

- Miris Corners
- + Remonumented Section Corners
- ◆ DNR Survey Grade Corner
- ◆ PLSS Corner
- ⊙ Iron Post
- ⊙ Wood Post
- ◇ Unclassified Corners
- ◆ GPS Point
- × Gate
- Cabin
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- ⊕ Powerline
- Stream
- Intermittent Stream
- Stand Boundaries

Forest Stands

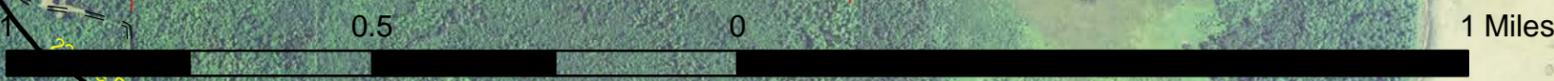
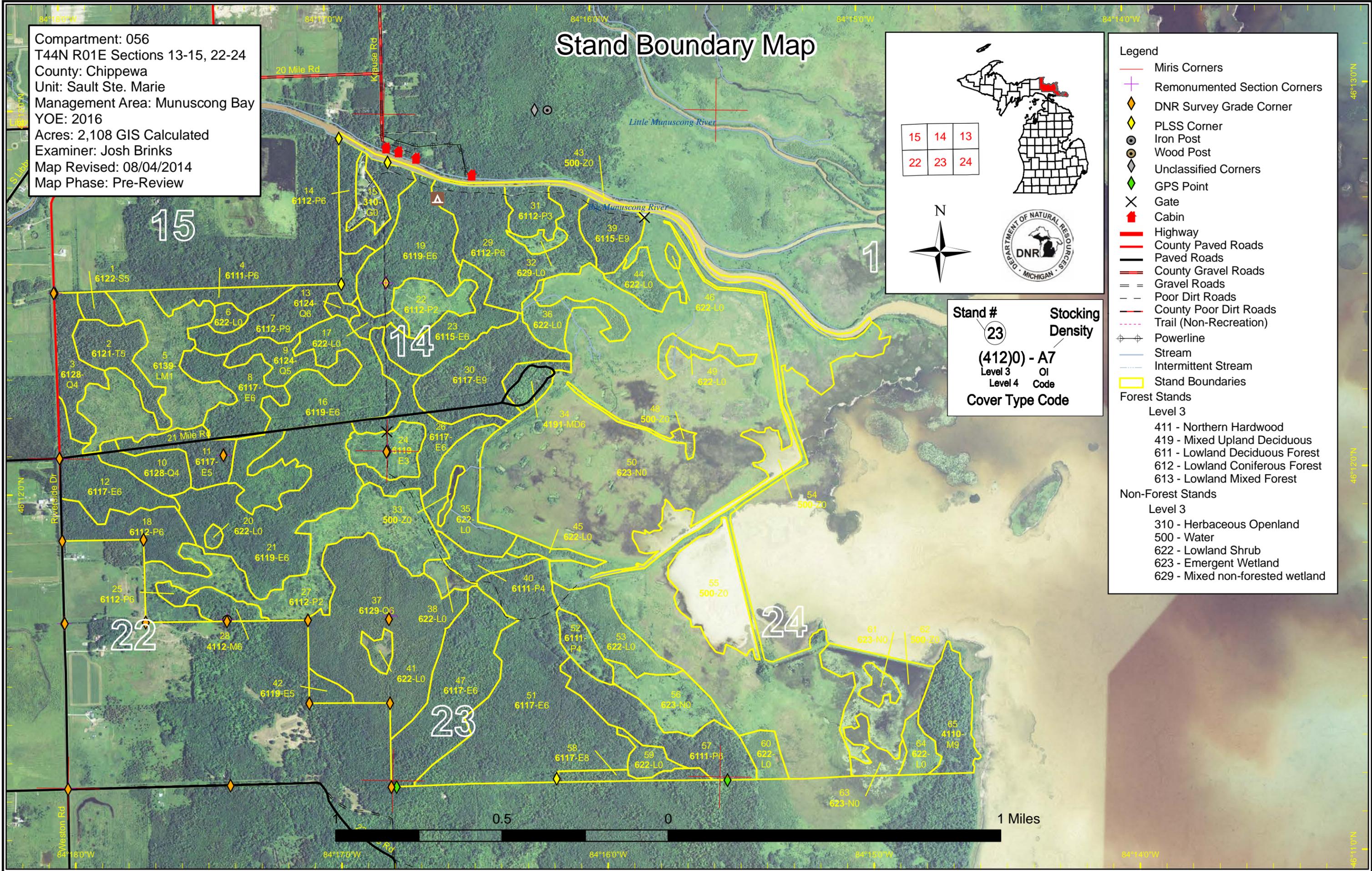
Level 3

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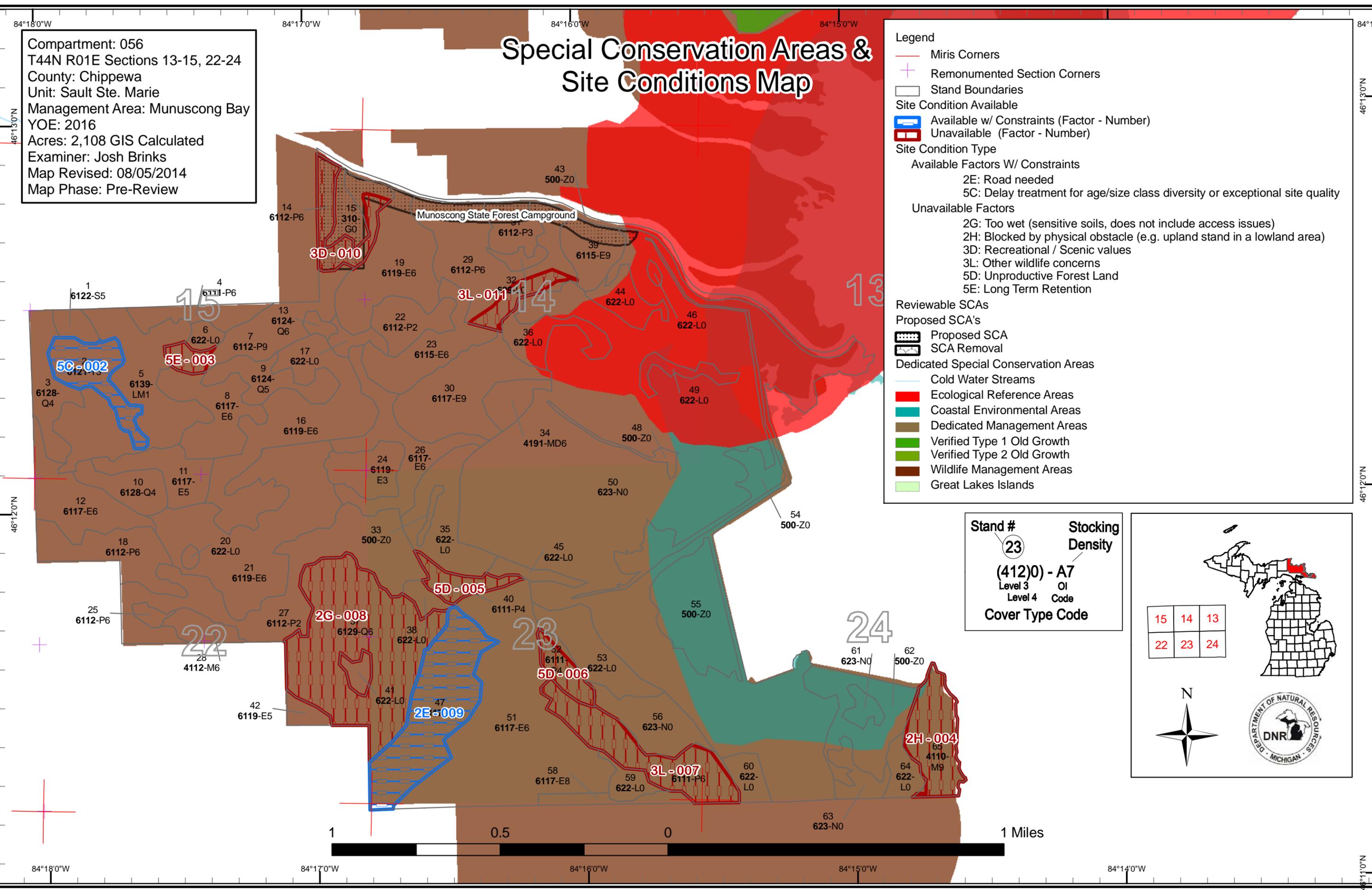


Compartment: 056
 T44N R01E Sections 13-15, 22-24
 County: Chippewa
 Unit: Sault Ste. Marie
 Management Area: Munuscong Bay
 YOE: 2016
 Acres: 2,108 GIS Calculated
 Examiner: Josh Brinks
 Map Revised: 08/05/2014
 Map Phase: Pre-Review

Special Conservation Areas & Site Conditions Map

Legend

- Miris Corners
- Remonumented Section Corners
- Stand Boundaries
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Site Condition Type
- Available Factors W/ Constraints
 - 2E: Road needed
 - 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors
 - 2G: Too wet (sensitive soils, does not include access issues)
 - 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
 - 3D: Recreational / Scenic values
 - 3L: Other wildlife concerns
 - 5D: Unproductive Forest Land
 - 5E: Long Term Retention
- Reviewable SCAs
- Proposed SCA's
 - Proposed SCA
 - SCA Removal
- Dedicated Special Conservation Areas
 - Cold Water Streams
 - Ecological Reference Areas
 - Coastal Environmental Areas
 - Dedicated Management Areas
 - Verified Type 1 Old Growth
 - Verified Type 2 Old Growth
 - Wildlife Management Areas
 - Great Lakes Islands



Stand # 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

N



84°18'0"W 84°17'0"W 84°16'0"W 84°15'0"W 84°14'0"W
 46°13'0"N 46°12'0"N 46°11'0"N

Report 1 – Total Acres by Cover Type and Age Class



	Age Class														Total
	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 +	Uneven Age	
Herbaceous Openland	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Aspen/Balsam Poplar	97	0	14	47	0	63	0	83	33	0	0	0	0	0	336
Lowland Conifers	0	0	0	0	0	3	57	0	102	0	0	0	0	0	162
Lowland Deciduous	18	0	0	0	0	374	182	29	18	0	0	0	0	0	622
Lowland Mixed Forest	66	0	0	0	0	0	0	0	0	0	0	0	0	0	66
Lowland Shrub	155	0	0	0	0	0	0	0	0	0	0	0	0	0	155
Lowland Spruce/Fir	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Marsh	555	0	0	0	0	0	0	0	0	0	0	0	0	0	555
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11
Northern Hardwood	0	0	0	0	0	0	0	10	29	0	0	0	0	0	39
Tamarack	0	0	0	0	0	0	23	0	0	0	0	0	0	0	23
Water	123	0	0	0	0	0	0	0	0	0	0	0	0	0	123
Total	1024	0	14	47	0	63	377	351	71	161	0	0	0	0	2108



Report 2 – Proposed Treatment Summaries

Sault Ste. Marie Mgt. Unit
Year of Entry 2016

Compartment 056
Total Compartment Acres: 2,108

Acres by Treatment Type

Commercial Harvest - 161	Tree Planting - 0	Other - 701
Habitat Cut - 0	Opening Maintenance - 0	

Cover Type by Harvest Method

	<i>Clearcut</i>	<i>Selection</i>	<i>Seed Tree</i>	<i>Shelterwood</i>	<i>Thinning</i>	<i>Other - Specify</i>	<i>Total Acres</i>
Lowland Deciduous Forest	71	0	0	0	0	90	161
Total	71	0	0	0	0	90	161



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
7	45056007-Cut	27.0	6112 - Lowland Aspen	High Density Log	85	81-110	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal
<u>Prescription</u> Cut all deciduous 2" or more and conifer 4" or more to encourage young early successional habitat for ruffed grouse, woodcock, and hare. Leave										
<u>Specs:</u> a representative, healthy, mature tree spaced every 75ft (this will leave 8 trees per acre). Leave the west side of the stand for retention and to provide habitat connectivity.										
<u>Other</u> Put road in through the stand to the east.										
<u>Comments:</u>										
<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is maple, paper and yellow birch, aspen, fir,										
<u>Steps:</u> spruce and ash.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
23	45056023-Cut	27.1	6115 - Lowland Ash	High Density Pole	80	141-170	Harvest	Other - Specify in Comments	611 - Lowland Deciduous Forest	Cmpt. Review Proposal
<u>Prescription</u> Cut all ash trees that are greater than 2 inches in DBH. Leave 2-3 ash trees per acre for diversity.										
<u>Specs:</u>										
<u>Other</u> If the stand to the north has not meet green up guidelines then leave a buffer along that boundary.										
<u>Comments:</u>										
<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, balsam poplar, cedar, fir, spruce,										
<u>Steps:</u> maple, and ash.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
29	45056029-Cut	62.8	6112 - Lowland Aspen	High Density Pole	75	81-110	Harvest	Other - Specify in Comments	611 - Lowland Deciduous Forest	Cmpt. Review Proposal
<u>Prescription</u> Cut all ash and aspen trees down to 2" in DBH. Stay out of areas close to the flooding that are mostly younger aspen. Redline out areas of										
<u>Specs:</u> nonmerchantable trees. There will be patches of clearcut with reserves and patches of uncut timber within this stand. Mark some scattered cavity nesting trees to leave. Leave a buffer along the river except hazard trees for cavity nesters. Mark only hazard trees around the campground to be removed. Regeneration resulting will benefit ruffed grouse, woodcock, and other early-successional species.										
<u>Other</u> Work with parks to mark hazard trees that need to be removed.										
<u>Comments:</u>										
<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is maple, birch, balsam fir, spruce, aspen										
<u>Steps:</u> and ash.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
30	45056030-Cut	28.8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	69	111-140	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal
<u>Prescription</u> Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 75ft (this will leave 8 trees per										
<u>Specs:</u> acre). Leave a buffer along the "coast line" for cavity nesters and leave 5 larger (aprox. 100ft radius) retention patches centered around potential nest trees. Do not cut cedar.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is maple, paper and yellow birch, balsam										
<u>Steps:</u> fir, spruce, aspen, ash, and cedar.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
39 45056039-Cut	15.7	6115 - Lowland Ash	High Density Log	90	111-140	Harvest	Clearcut with Reserves	611 - Lowland Deciduous Forest	Cmpt. Review Proposal

Prescription Cut all deciduous trees 2" or more in DBH. Leave a representative, healthy, mature tree spaced every 75ft (this will leave 8 trees per acre). Do not cut any conifer trees. Buffer the river by not cutting on the north side of the road. Also leave area along the edge of the stand with smaller diameter aspen. Mark scattered reserve trees that look like good cavity nesting trees. This treatment will help to diversify age classes of the stands in the area providing a wider range of habitat for wildlife.

Other Place an educational sign near the turn around.

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is maple, birch, balsam fir, spruce, aspen and ash.

Proposed Start Date: 10/01/2014

45056_OutOfY OE-Spray	680.2					Other	Unspecified	99999 - Multiple/Other Specify in Comments	Fld. Tr. Bdy. - Incomplete
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Prescription Spray invasive species of phragmites, purple loosestrife, frog bit and others found along beach. Choose appropriate herbicide based on site, work instructions and manufacturer recommendations.

Other
Comments:

Next Steps: Check for success of herbicide. Follow up with herbicide or other methods deemed necessary if needed.

Proposed Start Date: 10/01/2013

50 Impoundment restoration	20.9	6233 - Wet Meadow				Other	Unspecified	6239 - Mixed Emergent Wetland	Cmpt. Review Proposal
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Prescription Restore functionality of the dike by placing control structures at strategic locations.

Other
Comments:

Next
Steps:

Proposed Start Date: 10/02/2014

Total Treatment Acreage Proposed: 862.4



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type! #Type!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

Total Treatment
Acreage Proposed: 0.0

Availability for Management

Total Acres	Acres		Dominant Site Conditions	Dominant Site Conditions									
	Available	Not Available		No	5E	5D	5C	3L	3D	2H	2G	2E	
336	242	94	Lowland Aspen/Balsam Poplar	242	6	21		49	19				
162	60	102	Lowland Conifers	60							102		
621	621		Lowland Deciduous	561								60	
66	66		Lowland Mixed Forest	66									
6	6		Lowland Spruce/Fir	6									
11	11		Mixed Upland Deciduous	11									
39	10	28	Northern Hardwood	10						28			
23	23		Tamarack				23						
1,265	1,040	224	Total Forested Acres	957	6	21	23	49	19	28	102	60	
	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
002	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23				
Comments: Wait to harvest until regen in the adjacent stand is older							
003	Not Available	5E: Long Term Retention	6				
Comments: Left as retention and habitat connectivity							
004	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	28	2G: Too wet (sensitive soils, does not include access issues)			
Comments: Ridge of Hardwood that has no good access. Should be left unharvested.							

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Josh Brinks : Examiner

Compartment 056

Year of Entry 2016

005	Not Available	5D: Unproductive Forest Land	11		
Comments:					
006	Not Available	5D: Unproductive Forest Land	10	3L: Other wildlife concerns	
Comments:					
007	Not Available	3L: Other wildlife concerns	39		
Comments: Wildlife does not want stands this close to the historic high water mark to be harvested.					
008	Not Available	2G: Too wet (sensitive soils, does not include access issues)	103	2E: Road needed	5D: Unproductive Forest Land
Comments: Low wet ground with small cedar and conifers.					
009	Available	2E: Road needed	60	5C: Delay treatment for age/size class diversity or exceptional site quality	
Comments:					
010	Not Available	3D: Recreational / Scenic values	19		
Comments: Stand surrounds Munuscong Campground. If parks approves a harvest in this area the site condition will be removed.					

011	Not Available	3L: Other wildlife concerns	9
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Comments:

Wildlife buffer for the edge of the shoreline.



Report 6 – 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
Munoscong State Forest Campground	Concentrated Recreation Area	State Forest Campground	SCA	52.3
Comments				
boat launch				



Report 7 – 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	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
SCA	Great Lakes Islands	Great Lakes Islands provide significant habitat for numerous species, including many rare plants and animals, several of which are endemic or largely restricted to the Great Lakes region. Due to their isolation, islands provide good examples of many Great Lakes-associated natural communities and ecosystems, and thus have potential to provide insights for understanding the consequences of human disturbance on the increasingly fragmented ecosystems of the mainland.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
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.
HCVA	Dedicated Management Areas	Such areas are dedicated by the DNR Director for specific management uses through the promulgation of rules, as governed by Part 5, Department of Natural Resources, of the NREPA (MCL 324.502(2) and 324.504). Section 38 of the Administrative Procedures Act (MCL 24.238) provides for public requests for the promulgation of rules. This is an active program, with one proposed site currently under review by the DNR.
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	General Comments:
1	6122 - Black Spruce	Medium Density Pole	6.4	73	51-80	Stand of spruce and tamarack. Canopy is fairly open in places and these gaps are filling in with fire, spruce and tamarack.
2	6121 - Tamarack	Medium Density Pole	23.2	74	81-110	Some areas of this stand have smaller diameter trees. Also a few spots where the canopy is open and lots of tag alder is growing. Low wet ground.
3	6128 - Lowland Coniferous, Mixed Deciduous	Low Density Pole	21.9	70	51-80	Mostly tamarack and spruce with tag alder under it. There is some aspen growing along the road but not much in the interior of the stand.
4	6111 - Lowland Balsam Poplar	High Density Pole	14.0	38	111-140	Smaller diameter ash and aspen. It appears that this stand was clearcut or cut over back in the 70's. Some log size trees are present throughout the stand. A few scattered elms. Patches of tag alder in wet areas. Fairly open sub canopy.
5	6139 - Mixed Lowland Forest	Low Density Sapling	65.8	6		Stand was cut in 2008. Regen is coming along good, there is just enough to call it a forested stand. Wet areas are taking a bit longer regenerate but there is quite a bit of tamarack coming in 2-5 foot tall. Drier areas of the stand have aspen and red maple. There are areas of tag alder and cattails with marsh grass. Scattered small pole size red maple, balsam fir, and ash.
7	6112 - Lowland Aspen	High Density Log	32.6	85	81-110	Large poor quality aspen with lots of branches and seems. There is a decent amount of advanced regeneration present in the stand.
8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	29.6	70	81-110	This stand was cut over in the 70's. lots of aspen regeneration. Canopy is mostly ash and aspen. This would be a good stand to hit restart on in 10 years once the adjacent stand greens up.
9	6124 - Lowland Spruce-Fir	Medium Density Pole	18.9	71	51-80	Stand of pole size spruce of larger diameter over balsam fir. Scattered deciduous trees.
10	6128 - Lowland Coniferous, Mixed Deciduous	Low Density Pole	15.9	70	1-50	This is a lowland tag alder stand which is supporting enough trees to be called a forested stand. There is a fair amount of saplings growing in the tag alder which look like they are just starting to break through the tag alder canopy. One day this may be a better stocked forested stand.
11	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	20.3	68	51-80	Stand was heavily cut over in the 70's lots of younger pole size trees growing between larger pole and log size trees left over from when the stand was cut.
12	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	30.7	67	51-80	Decent stand of aspen with ash and red maple. Some patches of almost solid red maple or solid ash exist. Some spots of the stand have large pole and log size aspen. The stand looks like it was picked through in the past and according to OI that occurred in 1976. This gives the stand a "two aged/diameter class" appearance.
13	6124 - Lowland Spruce-Fir	High Density Pole	3.1	63	111-140	Stand of nice spruce and aspen. It looks healthy and should hold at least 10+ years.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
14	6112 - Lowland Aspen	High Density Pole	23.8	72	111-140	Aspen stand around the campground. Decent amount of conifer in the canopy.
16	6119 - Mixed Lowland Deciduous Forest	High Density Pole	68.4	64	81-110	This stand was also cut over in the 70's giving the stand a two aged appearance. A lot of the regeneration from this time is now in the pole size class. This stand has a larger red maple component than the surrounding stands. There is a patch of really nice pole size red maple that is just north of the old powerline. It does not appear to have been picked over. Decent amount of balsam fir in the understory in some spots.
18	6112 - Lowland Aspen	High Density Pole	29.6	38	81-110	Pole size stand of aspen that was cut in 1976 according to OI. There is some tamarack and spruce growing along the banks of the ditch that runs through the south part of the stand. There is a clump of larger trees along riverside that was possible a buffer when the stand was cut. Fairly homogenous in size and age.
19	6119 - Mixed Lowland Deciduous Forest	High Density Pole	45.2	76	111-140	Much larger component of red maple in this stand compared to surrounding stands. Portion of the stand north of the clearcut is almost pure red maple with some aspen mixed in. Great mix of diameters in this stand. Some really large open grown type red maple are present in the stand.
21	6119 - Mixed Lowland Deciduous Forest	High Density Pole	84.3	64	51-80	This stand was picked over in the 70's leaving behind scattered log size trees with lots of pole and sapling size trees taking up the rest of the canopy. The very southern tip of this stand does not look to have been picked through. It consists of a more solid canopy of larger pole size maples. As you go north you transition into more of the mix aspen, ash, red maple.
22	6112 - Lowland Aspen	Medium Density	17.2	5		Cut in 2009 and has regenerated pretty good considering how wet it is. Lots of red maple stump sprouts and aspen coming up. Patch of tag alder in sw corner of the stand along with some scattered throughout the stand.
23	6115 - Lowland Ash	High Density Pole	29.1	80	141-170	Stand of mostly ash with a component of aspen along the road. Scattered cedar throughout the stand. Some log size trees are present.
24	6119 - Mixed Lowland Deciduous Forest	High Density Sapling	18.1	5		Stand was cut in 2009. Good regen. Some scattered pole size cedar.
25	6112 - Lowland Aspen	High Density Pole	3.2	38		Similar to stand to the North. Aspen with maple and ash with a few scattered conifers. Very open underneath the canopy. Decent amount of maple saplings going into the canopy.
26	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	33.3	74	111-140	A good portion of this stand was left as retention when the adjacent stands were clearcut. There is a drainage that runs through the southern portion of this stand. Some areas of this stand have cedar.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
27	6112 - Lowland Aspen	Medium Density	79.8	3		This stand was cut in two separate winters. The west half was cut in 2011 the east in 2010. The west half of the stand must have been a bit drier, it has regenerated quite nicely to a mix of aspen and red maple. The east half has aspen and ash. Cedar was retained during the harvest but wind has knocked a lot over. Some areas of catails and marsh grass.
28	4112 - Maple, Beech, Cherry Association	High Density Pole	9.5	89	81-110	Stand was thinned in 2009. One of the only dry stands in this compartment.
29	6112 - Lowland Aspen	High Density Pole	59.3	75	81-110	Stand is mostly aspen with ash. Some scattered log size ash and red maple are present in the stand.
30	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	46.1	69	111-140	This stand is right on the boarder of log and pole. Some areas are heavier to ash. Scattered cedar through the stand. Lots of conifer in the understory and some in the canopy..
31	6112 - Lowland Aspen	High Density Sapling	13.8	23		Young stand of aspen and ash with some balsam fir in the understory. Scattered pole size trees are scattered through the stand.
34	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	11.3	96	81-110	Stand of maple and basswood that sits on top of a hill which is the location of the old dodge park. Stand transition into a mix of aspen, ash and balsam as you head down the sides of the hill. Some cedar scattered in the stand.
37	6129 - Mixed Coniferous Lowland Forest	High Density Pole	102.5	97	111-140	According to OI parts of this stand was cut in 1954. The cutting resulted in a very thick stand of small diameter conifers with scattered large pole cedar and spruce. Cedar seems to get more prevalent as you move toward the interior of the stand. Very little sign of life, doesn't look to be used much by wintering deer.
39	6115 - Lowland Ash	High Density Log	18.2	90	111-140	Stand has a large component of log size ash with scattered balsam fir in the understory. The stand has more aspen present as you get closer to the edges.
40	6111 - Lowland Balsam Poplar	Low Density Pole	10.8	57	1-50	Aspen and Bam are filling in the marsh grass and tag alder opening.
42	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	5.5	73	51-80	Mixed lowland hardwood stand. Picked over like so many stands in this area.
47	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	60.1	78	81-110	Stand has larger diameter trees and a larger conifer component then stand to the east. Was picked over leaving pockets of smaller diameter trees.
51	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	124.5	60	51-80	Stand was picked over in the 70's. Lots of small pole size trees between scattered log size trees.
52	6111 - Lowland Balsam Poplar	Low Density Pole	11.4	57	1-50	Aspen is spreading further out into the grass and tag alder. Scattered clones of bam and q. aspen filling in the opening.

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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 056
Year of Entry: 2016

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
57	6111 - Lowland Balsam Poplar	High Density Pole	40.9	52	111-140	A very nice stand of BAM and quaking aspen. Some log size stuff is present most likely left when this are was logged in the 70's. Scattered conifers in the understory. A few log size spruce. Oldest biggest trees in the south east corner of the stand.
58	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Log	8.1	76	81-110	Stand continues into the compartment to the south. Larger diameter trees. Does not look like it was picked over with the rest of the compartment.
65	4110 - Sugar Maple Association	High Density Log	29.1	94	111-140	High and dry ridge of maple and ash. Along the outside edge on the lowest ground there is some cedar mixed in with ash. As you go up the hill it transitions into mostly sugar maple.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
6	622 - Lowland Shrub	4.6	Unspecified	Unspecified	Tag alder with fir, spruce, ash and balsam poplar.
15	3102 - Grass	9.4	Unspecified	Unspecified	The campground is in this stand. Red pine, white pine, white spruce, aspen and red maple are present in this stand.
17	622 - Lowland Shrub	6.0	Unspecified	Unspecified	Tag alder with fir, spruce, ash and balsam poplar.
20	6220 - Alder/willow	1.8	Unspecified	Unspecified	Stand is mainly lowland tag alder with scattered trees growing it.
32	629 - Mixed non-forested wetland	4.3	Unspecified	Unspecified	Lowland grasses with scattered trees.
33	50 - Water	2.3	Unspecified	Unspecified	
35	622 - Lowland Shrub	32.0	Unspecified	Unspecified	
36	6220 - Alder/willow	16.7	Unspecified	Unspecified	
38	6220 - Alder/willow	5.5	Unspecified	Unspecified	Lowland shrub stand that contains a beaver pond and emergant wetland.
41	622 - Lowland Shrub	5.0	Unspecified	Unspecified	
43	50 - Water	15.5	Unspecified	Unspecified	
44	6220 - Alder/willow	12.4	Unspecified	Unspecified	
45	6220 - Alder/willow	6.3	Unspecified	Unspecified	
46	6220 - Alder/willow	1.4	Unspecified	Unspecified	
48	50 - Water	4.1	Unspecified	Unspecified	
49	6220 - Alder/willow	7.7	Unspecified	Unspecified	
50	6233 - Wet Meadow	514.5	Unspecified	Unspecified	Mostly wet meadow with areas of emergant wetlands
53	6220 - Alder/willow	25.7	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
54	50 - Water	26.0	Unspecified	Unspecified	
55	50 - Water	41.0	Unspecified	Unspecified	
56	6232 - Wet Prairie	24.6	Unspecified	Unspecified	
59	622 - Lowland Shrub	7.8	Unspecified	Unspecified	
60	6220 - Alder/willow	8.8	Unspecified	Unspecified	
61	6239 - Mixed Emergent Wetland	5.6	Unspecified	Unspecified	
62	50 - Water	34.5	Unspecified	Unspecified	
63	6239 - Mixed Emergent Wetland	10.0	Unspecified	Unspecified	
64	6220 - Alder/willow	9.2	Unspecified	Unspecified	