



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 145

Entry Year 2016

Acreage: 5,745

County Mackinac

Management Area: Strickler Aspen

Revision Date: 06/13/2014

Stand Examiner: Cory Luoto

Legal Description:

T43N-R8W, Sections 11, 12, 13, 14, 15, 22, 23 & 24. T43N-R7W Section 7

Identified Planning Goals:

This compartment is located approximately one mile south of Rexton and two miles north of US-2. The timber types within this compartment are predominated by cedar and aspen but there are also, northern hardwoods, white pine, lowland hardwoods, swamp conifer and inclusions of bog types, other lowlands, grassy openings, and the southeastern portion of the compartment has some red pine plantations. The Strickler Grouse Management Area is within this compartment. It is located between East Branch of the Black River and Hog Island Creek, and south of Strickler Road. This is a large block of managed aspen that contains a lot of younger patches that have been cut over the last 30 years. The aspen is regenerating nicely and continued cutting is recommended. The hardwood and pine stands need regular treatment to promote health and growth.

Soil and topography:

The majority of the compartment is on the outwash plain and lake plains on the level to undulating ground. The soils within the majority of the upland types are Wallace sand, Springlake loamy coarse sand, Paquin sand, Kalkaska sand, and Moltke loam. The transition zone soils are Spot-Finch Complex, Paquin-Finch sands, and Caffey-Ingalls-Iosco Complex. The lowland area soils are Markey and Carbondale muck, Leafriver mucky peat, Spot muck, Histosols and Aqueuts.

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

This compartment is composed of all state land and is primarily surrounded by state land. There is one small private lot one the east side of the compartment on Hog Island Road.

Unique Natural Features:

Hog Island Creek and Davenport Creek run through the compartment. There is a potential for rare threatened or endangered plant and animal species within the compartment. Stands to be managed will be checked for species of concern. Management will be modified if species are found within those stands per management guidelines for that species. Large boulders are scattered about the area. No walking fern has been found, but will continue to search boulders.

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:

The majority of this compartment is being managed as part of the Strickler Grouse Management Area. This area of aspen is being managed to promote age class diversity. Two access roads south of the Strickler Road and the old Stage Road are gated during non-cutting periods to encourage walk in hunting. Hog Island Road is used as a snowmobile trail in the winter but has been plowed to access winter sales. Adequate buffers will be left along the creeks and rivers.

Watershed and Fisheries Considerations:

Part of Seven Lakes, and upper tributaries of the East Branch of the Black River, Hog Island Creek, and Davenport Creek are found in this compartment. Fish community composition of Seven Lakes is unknown as no file can be found. Both Davenport Creek and Hog Island Creek (east and west branches) are classified as Type II trout waters. Previous fishery surveys have captured brook trout, longnose dace, sculpin spp., rock bass, bullheads, and numerous minnow species. Additionally, there are seasonal runs of great lakes fish such as salmon, steelhead, and suspected coaster brook trout that use the creeks for spawning and juvenile nursery areas. Standard BMP guidelines should apply.

Wildlife Habitat Considerations:

This is a larger compartment located in the Strickler Aspen Management Area that includes the majority of the Strickler Grouse Enhanced Management System (GEMS). Dominant cover types include aspen types and cedar. Early

successional stands in this area is being intensively managed for ruffed grouse and other species with similar habitat requirements. Other upland and lowland types ranging from northern hardwoods to lowland scrub/shrub are also present. Most of the compartment is part of a deer wintering complex. Wildlife habitat objectives in this compartment will concentrate on promoting age-class and structural diversity between aspen and birch types, maintaining hardwood, enhancing the conifer component, and to maintain the small amount of existing cedar stands. Harvests in many types will take place during the winter months to provide browse for wintering deer. Wildlife species with the potential to benefit from the prescriptions include ruffed grouse, deer, American woodcock, snowshoe hare, woodpeckers, black-capped chickadee, goshawk, and black bear.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Silurian Engadine Group subcrops below the glacial drift. The Engadine is quarried for stone/limestone three mile to the northeast. Gravel pits are located four miles to the north and there may be some potential. There is no current economic oil and gas production in the UP.

Vehicle Access:

Vehicle access is adequate for most of the compartment. Hog Island Road a gravel county road, and Sand Lake Road a DNR gravel road, run through section 24. Sections 22 and 23 are accessed from the Old Stage Road, which is a DNR dirt road. Some of the stands off of Old Stage Road will have to be cut in the winter because of the poor condition of the road bed. Strickler Road crosses the compartment from east to west. This department road has received an uplift over the last several years, including new culverts at creek crossings, brushing, grading and gravelling in areas. The two gated roads accessing sections 14 and 15, built by Wildlife Division, were intended mainly for winter access. Portions of these roads are accessible in summer to aid in harvesting activities. Portions of these roads could use some brushing to prevent them from growing in. Access to the northwest portion of Section 7 is from the county maintained Strouble Lake Road. The Crawfin Lake Road and Spung Road are DNR maintained roads. The southern portion of Section 7 is accessed from the DNR maintained Tilden Road. Multiple two tracks provide access to the remainder the high ground within the compartment.

Survey Needs:

None.

Recreational Facilities and Opportunities:

The Strickler Grouse Management Area lies within this compartment. This area is managed as a walk in only hunting area. Hog Island Road and Sand Lake Road are groomed snowmobile trail. No formal recreational facilities exist in the rest of this compartment. However, the area is used for hunting deer, bear and small game, trapping, snowmobiling, and ORVing.

Fire Protection:

This is a low fire danger area. The Troll Fire burned through southeastern portions of the compartment in 1999. There is a potential for ground fire within the low ground muck areas. This area is seasonally wet in the spring and fall of normal years. The timber types are lower fire hazard species. The access to most of the compartment is good with the series of two track trails off of the county and state maintained roads. Prescribed burning has been recommended for some of the grassy opening in the past years of entry. No prescribed burning is recommended for the grassy openings this year of entry.

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**

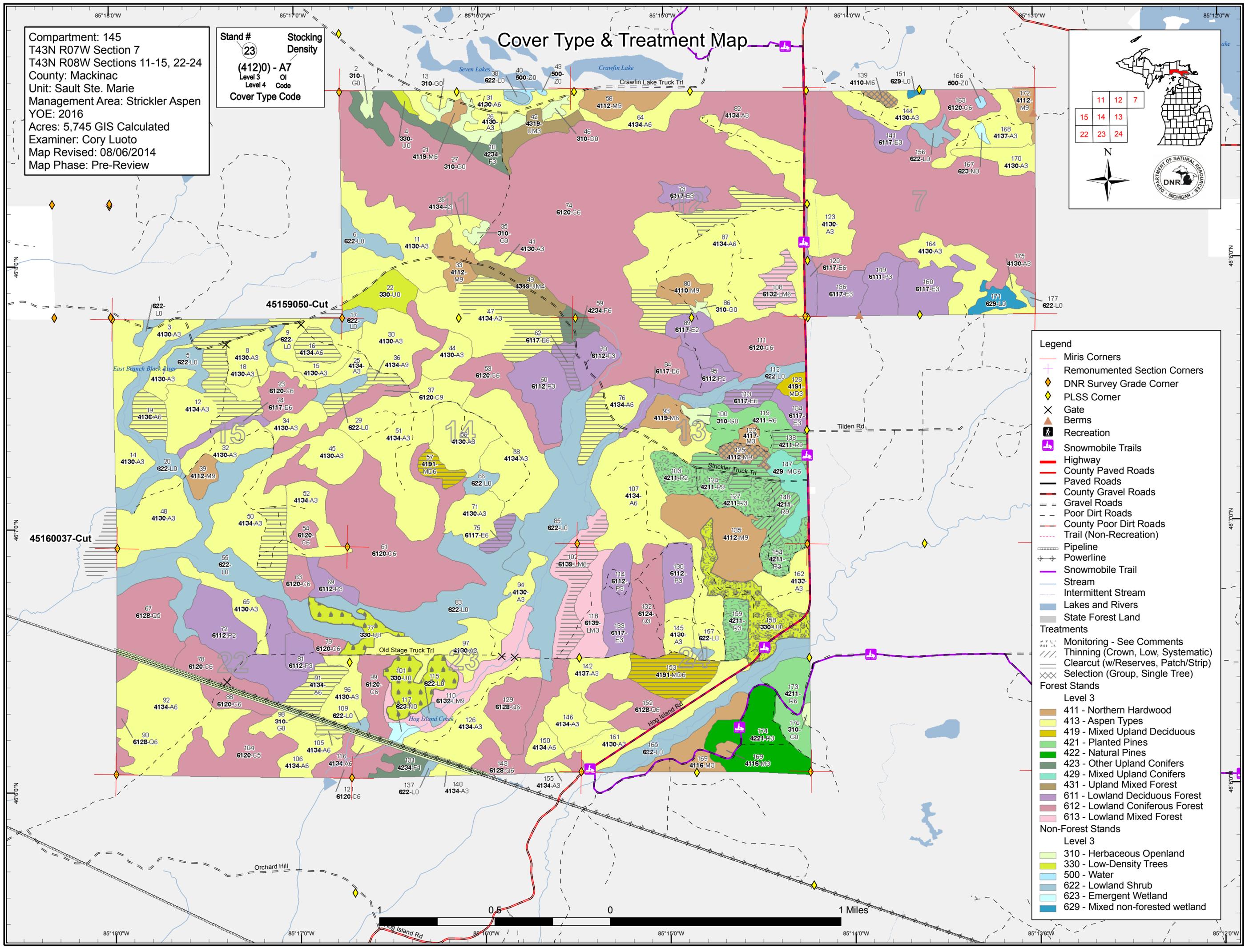
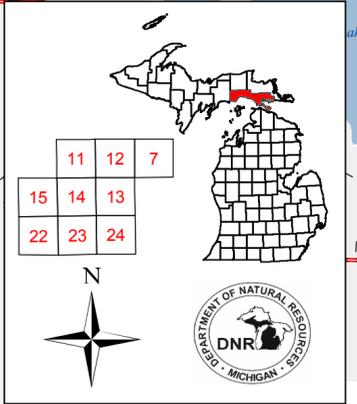
The following information is displayed, where pertinent, on the attached compartment maps:

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

Compartment: 145
 T43N R07W Section 7
 T43N R08W Sections 11-15, 22-24
 County: Mackinac
 Unit: Sault Ste. Marie
 Management Area: Strickler Aspen
 YOE: 2016
 Acres: 5,745 GIS Calculated
 Examiner: Cory Luoto
 Map Revised: 08/06/2014
 Map Phase: Pre-Review

Stand #
 (412)0) - A7
 Level 3
 Level 4
 Code
 Cover Type Code

Cover Type & Treatment Map



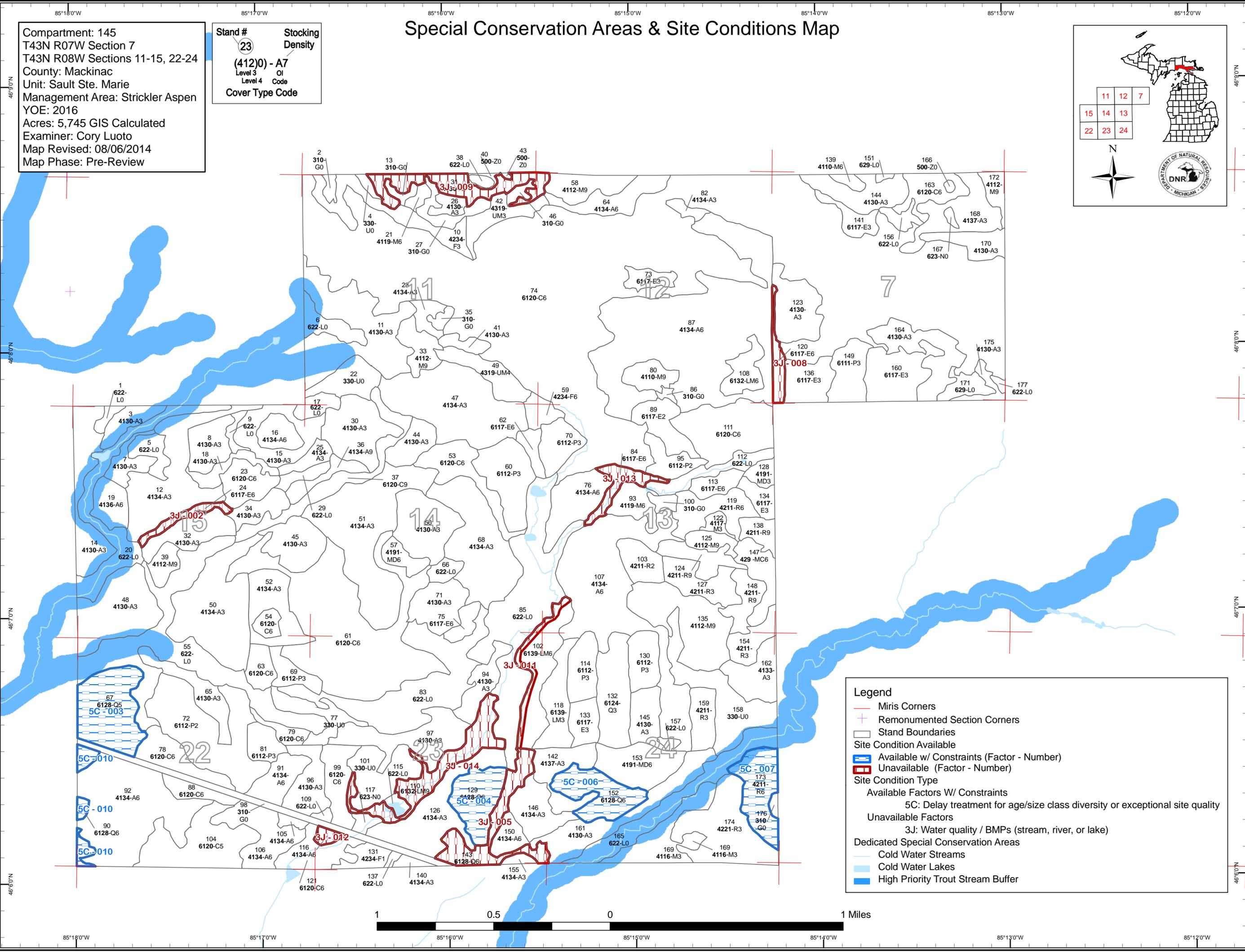
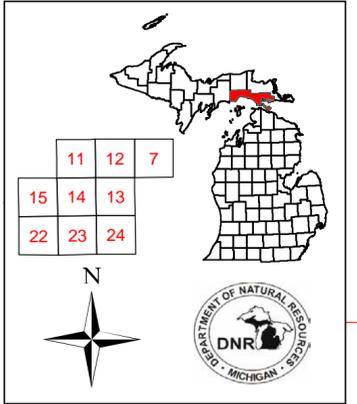
- Legend**
- Miris Corners
 - Remonumented Section Corners
 - ◆ DNR Survey Grade Corner
 - ◆ PLSS Corner
 - ✕ Gate
 - ▲ Berms
 - ▲ Recreation
 - Snowmobile Trails
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Trail (Non-Recreation)
 - Pipeline
 - Powerline
 - Snowmobile Trail
 - Stream
 - Intermittent Stream
 - Lakes and Rivers
 - State Forest Land
- Treatments**
- Monitoring - See Comments
 - Thinning (Crown, Low, Systematic)
 - Clearcut (w/Reserves, Patch/Strip)
 - Selection (Group, Single Tree)
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 423 - Other Upland Conifers
 - 429 - Mixed Upland Conifers
 - 431 - Upland Mixed Forest
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - 613 - Lowland Mixed Forest
- Non-Forest Stands**
- Level 3
- 310 - Herbaceous Openland
 - 330 - Low-Density Trees
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland
 - 629 - Mixed non-forested wetland



Special Conservation Areas & Site Conditions Map

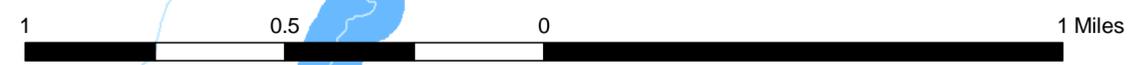
Compartment: 145
 T43N R07W Section 7
 T43N R08W Sections 11-15, 22-24
 County: Mackinac
 Unit: Sault Ste. Marie
 Management Area: Strickler Aspen
 YOE: 2016
 Acres: 5,745 GIS Calculated
 Examiner: Cory Luoto
 Map Revised: 08/06/2014
 Map Phase: Pre-Review

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



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
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors
- 3J: Water quality / BMPs (stream, river, or lake)
- Dedicated Special Conservation Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



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
Aspen	258	588	689	168	344	0	36	0	58	0	0	0	0	0	2141
Cedar	0	0	0	0	0	0	0	0	0	21	114	309	1001	0	1445
Herbaceous Openland	67	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Low-Density Trees	130	0	0	0	0	0	0	0	0	0	0	0	0	0	130
Lowland Aspen/Balsam Poplar	180	58	13	0	0	0	0	0	0	0	0	0	0	0	251
Lowland Conifers	0	0	40	0	0	0	0	0	34	0	102	0	36	0	212
Lowland Deciduous	0	48	84	0	0	0	0	26	27	9	0	0	0	0	193
Lowland Mixed Forest	0	0	29	0	0	0	0	0	44	0	59	0	0	0	132
Lowland Shrub	523	0	0	0	0	0	0	0	0	0	0	0	0	0	523
Marsh	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Mixed Upland Deciduous	0	0	8	0	0	0	0	0	36	11	0	0	0	0	54
Northern Hardwood	0	36	5	0	0	5	21	61	43	42	0	0	0	0	212
Red Pine	18	122	0	30	0	0	0	46	36	0	0	0	0	0	252
Upland Conifers	0	0	0	22	0	0	0	0	0	0	0	0	0	0	22
Upland Mixed Forest	0	19	0	0	22	0	0	0	0	0	0	0	0	0	42
Upland Spruce/Fir	0	0	47	0	0	0	0	11	0	0	0	0	0	0	57
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	1186	870	915	220	366	5	57	144	277	82	275	309	1037	0	5745



Report 2 – Proposed Treatment Summaries

Sault Ste. Marie Mgt. Unit
Year of Entry 2016

Compartment 145
Total Compartment Acres: 5,745

Acres by Treatment Type

Commercial Harvest - 442 Tree Planting - 29 Other - 8
Habitat Cut - 0 Opening Maintenance - 0

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen Types	243	0	0	0	0	0	243
Lowland Deciduous Forest	29	0	0	0	0	0	29
Lowland Mixed Forest	51	0	0	0	0	0	51
Mixed Upland Deciduous	47	0	0	0	0	0	47
Northern Hardwood	0	14	0	0	0	0	14
Other Upland Conifers	11	0	0	0	0	0	11
Planted Pines	29	0	0	0	17	0	46
Total	410	14	0	0	17	0	442



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
12	45145012-Cut	39.8	4134 - Aspen, Spruce/Fir	High Density Sapling	25		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal

Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.

Specs:

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 10/01/2015

16	45145016-Cut	14.7	4134 - Aspen, Spruce/Fir	High Density Pole	34	51-80	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.

Specs:

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 10/01/2020

19	45145019-Cut	17.9	4136 - Aspen, Mixed Conifer	High Density Pole	81	111-140	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription

Specs: 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 acre).

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 10/01/2015

36	45145036-Cut	12.3	4134 - Aspen, Spruce/Fir	High Density Log	86	111-140	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription 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

Specs: acre

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 10/01/2015



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
47	45145047-Cut	28.1	4134 - Aspen, Spruce/Fir	High Density Sapling	24		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal

Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.

Specs:

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine

Proposed

Start Date: 10/01/2015

47	45145047-Cut- 2020	23.4	4134 - Aspen, Spruce/Fir	High Density Sapling	24		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.

Specs:

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine

Proposed

Start Date: 10/01/2015

50	45145050-Cut	23.2	4134 - Aspen, Spruce/Fir	High Density Sapling	25		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.

Specs:

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 10/01/2020

57	45145057-Cut	10.9	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	96	141-170	Harvest	Clearcut	413 - Aspen	Fld. Tr. Bdy.
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Prescription Cut all deciduous 2" or more and conifer 4" or more.

Specs:

Other

Comments: Stand is currently under contract.

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 06/06/2014

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
59 45145059-Cut	10.6	42340 - Upland Spruce/Fir	High Density Pole	77	111-140	Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal

Prescription 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 acre).
Specs:

Other
Comments:

Next
Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed
Start Date: 10/01/2015

62 45145062-Cut	8.8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	86	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription 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 acre).
Specs:

Other
Comments:

Next
Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed
Start Date: 10/01/2015

75 45145075-Cut	8.8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	96	111-140	Harvest	Clearcut	413 - Aspen	Fld. Tr. Bdy.
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Prescription Cut all deciduous 2" or more and conifer 4" or more.
Specs:

Other
Comments: Stand is currently under contract.

Next
Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed
Start Date: 06/06/2014

76 45145076-Chip	18.3	4134 - Aspen, Spruce/Fir	High Density Pole	35	51-80	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.
Specs:

Other
Comments:

Next
Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine

Proposed
Start Date: 10/01/2020



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
87	45145087-Cut	23.4	4134 - Aspen, Spruce/Fir	High Density Pole	40	1-50	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal

Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.

Specs:

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 10/01/2015

87	45145087-Cut_south	18.3	4134 - Aspen, Spruce/Fir	High Density Pole	40	1-50	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.

Specs:

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 10/01/2015

91	45145091-Cut	20.4	4134 - Aspen, Spruce/Fir	High Density Pole	82	111-140	Harvest	Clearcut with Reserves	413 - Aspen	Fld. Tr. Bdy.
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Prescription 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 acre).

Specs:

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 06/06/2014

102	45145102-Cut	34.0	6139 - Mixed Lowland Forest	High Density Pole	83	111-140	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal
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Prescription 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 acre). Stay out of patches of thick cedar, do not cut hemlock.

Specs:

Other

Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed

Start Date: 10/01/2015



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
105	45145105-Cut	3.4	4134 - Aspen, Spruce/Fir	High Density Pole	83	111-140	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Fld. Tr. Bdy.
<u>Prescription:</u> Cut all deciduous 2" or more and conifer 4" or more. <u>Specs:</u> <u>Other Comments:</u> Stand is currently under contract. <u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine. <u>Proposed Start Date:</u> 06/06/2014										
108	45145108-Cut	17.4	6132 - Mixed Lowland Forest with Cedar	High Density Pole	108	111-140	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	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 acre). <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine. <u>Proposed Start Date:</u> 10/01/2015										
113	45145113-Cut	11.8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	78	111-140	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	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 acre). <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine. <u>Proposed Start Date:</u> 10/01/2015										
124	45145124-Cut	17.9	42110 - Planted Red Pine	High Density Log	79	171-200	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut stand with retention of live trees on the edges of the treatment. Standing trees within the stand after harvest create a hazard for aerial spraying of the stand for release and pest management so all retention must be along the edges. <u>Specs:</u> <u>Other Comments:</u> <u>Next Steps:</u> After harvest treatment is completed, the stand may be prescribed burned if necessary for site prep depending on amount of slash left on site. Trenching and hand planting of red pine seedling to acceptable regeneration levels will need to be completed within 2 years of the Timber Cutting Report date. After establishment of red pine regeneration, <u>Proposed Start Date:</u> 10/01/2015										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
125	45145125-Cut	10.2	4112 - Maple, Beech, Cherry Association	High Density Log	85	141-170	Harvest	Single Tree Selection	411 - Northern Hardwood	Cmpt. Review Proposal
<u>Prescription</u> Mark stand to 80 to 90 Basal Area. Retain some beech with the smooth bark and wildlife trees. Some ironwood, basswood and all junberry and										
<u>Specs:</u> conifer should be left. Some larger canopy gaps may be desirable around the cherry and yellow birch if possible to regenerate those species and enhance the advanced regeneration present.										
<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, cherry, beech, paper and yellow										
<u>Steps:</u> birch, basswood, aspen and ironwood.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
138	45145138-Cut	11.3	42110 - Planted Red Pine	High Density Log	79	171-200	Harvest	Clearcut with Reserves	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Clearcut stand with retention of live trees on the edges of the treatment. Standing trees within the stand after harvest create a hazard for aerial										
<u>Specs:</u> spraying of the stand for release and pest management so all retention must be along the edges.										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> After harvest treatment is completed, the stand may be prescribed burned if necessary for site prep depending on amount of slash left on site.										
<u>Steps:</u> Trenching and hand planting of red pine seedling to acceptable regeneration levels will need to be completed within 2 years of the Timber Cutting Report date. After establishment of red pine regeneration,										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
139	45145139-Cut	4.2	4110 - Sugar Maple Association	High Density Pole	63	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Cmpt. Review Proposal
<u>Prescription</u> Mark stand to 80 to 90 Basal Area. Retain some beech with the smooth bark and wildlife trees. Some ironwood, basswood and all junberry and										
<u>Specs:</u> conifer should be left. Some larger canopy gaps may be desirable around the cherry and yellow birch if possible to regenerate those species and enhance the advanced regeneration present.										
<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, cherry, beech, paper and yellow										
<u>Steps:</u> birch, basswood, aspen and ironwood.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
148	45145148-Cut	17.3	42110 - Planted Red Pine	High Density Log	79	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Thin to around 120 Basal Area. Leave species diversity within the stand were present.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> No further follow up is needed.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
153	45145153-Cut	35.7	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	82	111-140	Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal
<p><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 acre).</p> <p><u>Specs:</u></p> <p><u>Other</u> <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.</p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2015</p>										
50	45159050-Cut	2.7	4130 - Aspen	High Density Sapling	35		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.</p> <p><u>Specs:</u></p> <p><u>Other</u> <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.</p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2020</p>										
37	45160037-Cut	17.8	4130 - Aspen	High Density Sapling	39		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 100ft.</p> <p><u>Specs:</u></p> <p><u>Other</u> <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u> Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.</p> <p><u>Proposed</u> <u>Start Date:</u> 10/01/2015</p>										
51	45145051- Other	7.9	4134 - Aspen, Spruce/Fir	High Density Sapling	17		Other	Unspecified	413 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Brush roads and plant with Ruffed Grouse Society Mix.</p> <p><u>Specs:</u></p> <p><u>Other</u> <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u> Repeat as needed.</p> <p><u>Proposed</u> <u>Start Date:</u> 10/03/2014</p>										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
103	45145103- Monitor	18.1	42110 - Planted Red Pine	Medium Density Sapling	8		Monitoring	See Comments	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Monitor for RHPS or other pests										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> If monitoring shows that treatment is recommended, then spray when/if necessary with appropriate insecticide recommended by Forest Health										
<u>Steps:</u> Specialist/TMS. Continue to monitor.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
127	45145127- Monitor	26.5	42110 - Planted Red Pine	High Density Sapling	14		Monitoring	See Comments	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Monitor for RHPS or other pests										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> If monitoring shows that treatment is recommended, then spray when/if necessary with appropriate insecticide recommended by Forest Health										
<u>Steps:</u> Specialist/TMS. Continue to monitor.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
154	45145154- Monitor	16.7	42110 - Planted Red Pine	High Density Sapling	14		Monitoring	See Comments	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Monitor for RHPS or other pests.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> If monitoring shows that treatment is recommended, then spray when/if necessary with appropriate insecticide recommended by Forest Health										
<u>Steps:</u> Specialist/TMS. Continue to monitor.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
159	45145159- Monitor	18.0	42110 - Planted Red Pine	High Density Sapling	14		Monitoring	See Comments	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Monitor for RHPS or other pests.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> If monitoring shows that treatment is recommended, then spray when/if necessary with appropriate insecticide recommended by Forest Health										
<u>Steps:</u> Specialist/TMS. Continue to monitor.										
<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
158 NF_45145158-Monitor	49.8	3302 - Low Density Conifer Trees				Monitoring	See Comments	4211 - Planted Red Pine	Cmpt. Review Proposal

Prescription: After establishment of red pine regeneration, regeneration surveys need to be scheduled for 1 year and 3 years for monitoring of regeneration.
Specs: Release as necessary determined by TMS.

Other Comments:

Next Steps: Monitor effects of release and treat as necessary. Monitor for RHPS and if monitoring shows that treatment is recommended, then spray when/if necessary with appropriate insecticide recommended by Forest Health Specialist/TMS.

Proposed Start Date: Unspecified

Total Treatment Acreage Proposed: 599.6



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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**

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cory Luoto : Examiner

Compartment 145

Year of Entry 2016

Availability for Management

Total Acres	Acres		Dominant Site Conditions	No	5C	3J
	Available	Not Available				
2139	2099	40	Aspen	2,099		40
1445	1445		Cedar	1,445		
251	251		Lowland Aspen/Balsam Poplar	251		
212	176	36	Lowland Conifers	40	136	36
193	161	32	Lowland Deciduous	161		32
132	80	52	Lowland Mixed Forest	80		52
54	54		Mixed Upland Deciduous	54		
212	212		Northern Hardwood	212		
252	252		Red Pine	216	36	
22	22		Upland Conifers	22		
42	42		Upland Mixed Forest	42		
57	57		Upland Spruce/Fir	57		
5,011	4,852	160	Total Forested Acres	4,680	171	160
	97%	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
002	Not Available	3J: Water quality / BMPs (stream, river, or lake)	9				
Comments:							
003	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	55				
Comments:							

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cory Luoto : Examiner

Compartment 145

Year of Entry 2016

004	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	34	
Comments:				
005	Not Available	3J: Water quality / BMPs (stream, river, or lake)	36	
Comments:				
006	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	
Comments:				
007	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	
Comments:				
008	Not Available	3J: Water quality / BMPs (stream, river, or lake)	10	
Comments:				
009	Not Available	3J: Water quality / BMPs (stream, river, or lake)	36	
Comments:				

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cory Luoto : Examiner

Compartment 145

Year of Entry 2016

010	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12
Comments:			
011	Not Available	3J: Water quality / BMPs (stream, river, or lake)	10
Comments:			
012	Not Available	3J: Water quality / BMPs (stream, river, or lake)	4
Comments:			
013	Not Available	3J: Water quality / BMPs (stream, river, or lake)	14
Comments:			
014	Not Available	3J: Water quality / BMPs (stream, river, or lake)	42
Comments:			



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
Comments				

**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	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	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.
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	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
3	4130 - Aspen	High Density Sapling	14.3	33		Part of a larger aspen stand in the compartment to the north.
7	4130 - Aspen	High Density Sapling	13.6	16		Stand was cut in 1998. Regeneration is doing great.
8	4130 - Aspen	High Density Sapling	22.7	16		Stand was cut in 1998, regeneration is doing good. Some low areas within the stand but primarily upland.
10	42340 - Upland Spruce/Fir	High Density Sapling	35.4	24		Stand was clear cut in 1990. Very thick spruce and fir regeneration.
11	4130 - Aspen	High Density Sapling	83.4	23		Very nice aspen stand. Has a couple of intermittent streams flowing in it.
12	4134 - Aspen, Spruce/Fir	High Density Sapling	69.9	25		Stand was cut in 1990 and 1991. Regeneration is doing good. Portions of the stand north of the Strickler Rd are being flooded by beavers.
14	4130 - Aspen	High Density Sapling	41.5	40		This is part of a large aspen complex. Most of it is located in the compartment to the west.
15	4130 - Aspen	High Density Sapling	31.0	22		Nice you aspen stand. Very healthy looking, a nice entrance to the grouse management area..
16	4134 - Aspen, Spruce/Fir	High Density Pole	14.7	34	51-80	Stand has just transitioned into a pole stand. Still a lot of small trees.
18	4130 - Aspen	High Density Sapling	12.3	2	141-170	Stand is currently under contract. It was cut in 2012. Part of the Lost Grouse timber sale.
19	4136 - Aspen, Mixed Conifer	High Density Pole	17.9	81	111-140	Stand was left last year of entry. Look at harvesting this entry. Road will need work getting to the stand.
21	4119 - Mixed Northern Hardwoods	High Density Pole	4.5	52	51-80	Smaller maple poles. This stand wont be ready to thin for 20 years.
23	6120 - Lowland Cedar	High Density Pole	22.1	104	141-170	Fairly dense cedar. Good cover stand.
24	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	8.5	88	111-140	Riparian area left along feeder stream.
25	4134 - Aspen, Spruce/Fir	High Density Sapling	9.7	15		Nice you aspen. Very little conifer.
26	4130 - Aspen	High Density Sapling	7.4	13		Regeneration is doing good. Nice young aspen. Not alot of conifer.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
28	4134 - Aspen, Spruce/Fir	High Density Sapling	9.1	18		I the previous entry this stand was a grassy opening that was filling with trees. It was clearcut in 1996. It is now a fully stocked aspen, spruce fir stand.
30	4130 - Aspen	High Density Sapling	41.7	4		Stand was cut in 2010. Regeneration is doing very good. The southern portion of the stand is a few years older but too small to type out on its own.
31	4130 - Aspen	High Density Pole	35.6	68	81-110	This is aspen stand is a riparian area on the south sides of Seven Lakes and Crawfin Lake. It has been left as a buffer area. Some of the aspen has been harvested over the years but these areas are too small to type out on their own.
32	4130 - Aspen	High Density Sapling	27.1	4		Awesome regeneration.
33	4112 - Maple, Beech, Cherry Association	High Density Log	17.7	84	81-110	Nice maple stand. It was thinned last entry. Fairly open understory.
34	4130 - Aspen	High Density Sapling	15.1	15		Aspen is doing great.
36	4134 - Aspen, Spruce/Fir	High Density Log	12.3	86	111-140	Nice mature Aspen stand. May want to leave for age class diversity.
37	6120 - Lowland Cedar	High Density Log	34.2	115	141-170	Stand has a stream flowing through it.
39	4112 - Maple, Beech, Cherry Association	High Density Log	10.9	91	81-110	Stand was thinned last entry. Deer are heavily browsing regeneration.
41	4130 - Aspen	High Density Sapling	7.5	14		Nice aspen regeneration. Not nearly as much conifer as the west side of Spung Rd.
42	4319 - Mixed Upland Forest	High Density Sapling	19.3	14		Mixed upland stand. Mostly aspen but it has a heavy conifer component.
44	4130 - Aspen	High Density Sapling	17.4	4		
45	4130 - Aspen	High Density Sapling	29.6	11		Aspen is doing great.
47	4134 - Aspen, Spruce/Fir	High Density Sapling	93.1	24		Nery nice aspen regeneration. More bigtooth than other stands in the area.
48	4130 - Aspen	High Density Sapling	56.8	17		Awesome aspen stand. Very light balsam understory.
49	4319 - Mixed Upland Forest	Low Density Pole	22.5	40	1-50	This stand was typed as a grassy opening in the previous inventory. It now has more than 25% canopy cover.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
50	4134 - Aspen, Spruce/Fir	High Density Sapling	80.7	25		This stand had been cut from 1986-1990. A majority was cut in 1989. Some lower areas but primarily upland.
51	4134 - Aspen, Spruce/Fir	High Density Sapling	105.5	17		Stand was cut over a five year span. All the regeneration is pretty similar now. Nice stand.
52	4134 - Aspen, Spruce/Fir	High Density Sapling	33.1	14		Regeneration is doing very good.
53	6120 - Lowland Cedar	High Density Pole	30.4	139	111-140	Decent cedar stand. Some sparse areas but not alot.
54	6120 - Lowland Cedar	High Density Pole	7.3	122	141-170	Nice pocket of cedar in the aspen.
56	4130 - Aspen	High Density Sapling	40.8	12		Real nice aspen regeneration.
57	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	10.9	96	141-170	Stand is currently under contract. Lost Grouse Mix.
58	4112 - Maple, Beech, Cherry Association	High Density Log	21.5	92	81-110	Stand was thinned a few years ago. Regeneration is heavily browsed.
59	42340 - Upland Spruce/Fir	High Density Pole	10.6	77	111-140	Upland spruce/fir stand. Could be harvested but It would also be fine if left.
60	6112 - Lowland Aspen	High Density Sapling	39.9	2		Some areas of higher ground in stand but it is primarily lower ground.
61	6120 - Lowland Cedar	High Density Pole	174.7	116	141-170	Fairly dense cedar stand. Pockets of black spruce.
62	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	8.8	86	81-110	Wetter Mackinac mix. May want to leave for age class diversity. Stand to the west was cut two years ago.
63	6120 - Lowland Cedar	High Density Pole	12.9	98	81-110	Heavy deer use.
64	4134 - Aspen, Spruce/Fir	High Density Pole	24.9	40	51-80	Stand has just matured into poles. Nice healthy aspen and conifer.
65	4130 - Aspen	High Density Sapling	24.0	11		Some wet areas in the south part of the stand.
67	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	55.2	100	1-50	Really poor quality, sparse swamp conifer. Was prescribed last entry but when sale was to be set up, not enough merchantable wood was present.
68	4134 - Aspen, Spruce/Fir	High Density Sapling	74.7	23		Some wetter areas but primarily aspen. This stand was cut between 1990 and 1994.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
69	6112 - Lowland Aspen	High Density Sapling	13.5	22		Decent lowland aspen stand. Thick regeneration.
70	6112 - Lowland Aspen	High Density Sapling	20.2	12		Wet aspen stand. A few areas of higher ground. South side of the road was cut in 2001 and the north was cut in 2002.
71	4130 - Aspen	High Density Sapling	27.5	11		Nice young aspen stand.
72	6112 - Lowland Aspen	Medium Density	81.5	3		Stand is regenerating except for the wettest areas.
73	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	10.1	17		Stand was cut in 1997. Aspen is doing pretty good.
74	6120 - Lowland Cedar	High Density Pole	938.7	126	171-200	Large cedar complex spanning several compartments.
75	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	8.8	96	111-140	Stand is currently under contract. Part of Lost Grouse Mix timber sale.
76	4134 - Aspen, Spruce/Fir	High Density Pole	33.8	35	51-80	Stand was cut in 1980 and 1981. It has just reached pole size but still alot of saplings.
78	6120 - Lowland Cedar	High Density Pole	24.7	106	141-170	Nice, dense cedar stand. Heavy deer use.
79	6120 - Lowland Cedar	High Density Pole	8.3	92	111-140	Poor quality cedar.
80	4110 - Sugar Maple Association	High Density Log	15.0	88	81-110	Stand was cut in 2009. Lots of browse.
81	6112 - Lowland Aspen	High Density Sapling	13.6	11		Nice lowland aspen stand. Some scattered cedar were left from the previous cut.
82	4134 - Aspen, Spruce/Fir	High Density Sapling	5.2	24		Aspen with heavy balsam and fir.
84	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	13.8	74	141-170	Mature Mackinac mix stand. This has been left as a buffer along the creek.
87	4134 - Aspen, Spruce/Fir	High Density Pole	229.7	40	1-50	Very large aspen stand. This use to be be several stands but they were all within a few years age of each other. Some areas have more conifer than others. This stand has just reach pole size but there is still lots of saplings.
88	6120 - Lowland Cedar	High Density Pole	11.9	106	141-170	Nice, dence cedar stand. Heavy deer use.

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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 145
Year of Entry: 2016

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
89	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density	22.6	17		Somewhat sparse lowland aspen stand. Some area have really nice regeneration. The wetter areas aren't doing as well.
90	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	11.5	100	141-170	Part of a larger stand to the west.
91	4134 - Aspen, Spruce/Fir	High Density Pole	20.4	82	111-140	Stand is currently under contract, Plumber Popple timber sale.
92	4134 - Aspen, Spruce/Fir	High Density Pole	105.4	35	1-50	Stand has just become a pole stand.
93	4119 - Mixed Northern Hardwoods	High Density Pole	17.3	63	51-80	Decent red maple stand. Look at cutting in ten years.
94	4130 - Aspen	High Density Sapling	19.8	3		Regeneration is quite thick.
95	6112 - Lowland Aspen	Medium Density	16.4	5		Very wet aspen stand. It was cut in 2009.
96	4130 - Aspen	High Density Sapling	24.9	11		Regeneration is doing good.
97	4130 - Aspen	High Density Sapling	45.0	11		Nice aspen as is typical with the area.
99	6120 - Lowland Cedar	High Density Pole	24.0	113	111-140	Decent cedar stand. A little open in some areas but deer are using it.
102	6139 - Mixed Lowland Forest	High Density Pole	44.2	83	111-140	This stand had been left as a buffer along the lowland type to the west. Portions of it could be harvested.
103	42110 - Planted Red Pine	Medium Density	18.1	8		Monitor for pests and competition.
104	6120 - Lowland Cedar	Medium Density Pole	55.1	119	81-110	Data taken from the compartment to the south.
105	4134 - Aspen, Spruce/Fir	High Density Pole	3.4	83	111-140	Stand is currently under contract. Plumber Popple sale.
106	4134 - Aspen, Spruce/Fir	High Density Pole	35.8	42	1-50	Stand has just become poles.
107	4134 - Aspen, Spruce/Fir	High Density Pole	133.5	27	51-80	Stand has just become a pole stand. Lots of sapling size trees yet.
108	6132 - Mixed Lowland Forest with Cedar	High Density Pole	17.4	108	111-140	Very wet Mackinac Mix stand. Smaller diameters in some spots but could do a harvest now.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
110	6132 - Mixed Lowland Forest with Cedar	High Density Log	41.9	107		Riparian area and buffer left along Hog Island Creek.
111	6120 - Lowland Cedar	High Density Pole	55.2	103	81-110	Very wet, poor quality cedar. This was typed as a swamp conifer stand last entry. There has been alot of die off and now it is primarily cedar.
113	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	11.8	78	111-140	Wet Mackinac Mix stand. Ready to harvest now.
114	6112 - Lowland Aspen	High Density Sapling	21.4	3		Regeneration has come back thick
116	4134 - Aspen, Spruce/Fir	High Density Pole	4.1	85		Stand is inaccessible, surrounded by two branches of Hog Island Creek.
118	6139 - Mixed Lowland Forest	High Density Sapling	28.9	24		Reneneration is doing really good. Some areas are alot hevier towards conifer.
119	42110 - Planted Red Pine	High Density Pole	30.0	35	81-110	The northern part of the stand was cut in 1989. The two southern portions were planted in 1994. It will all be managed the same. Look at thinning next entry.
120	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	10.0	88	111-140	Stand is a riparian area along a feeder stream to Davenport Creek.
121	6120 - Lowland Cedar	High Density Pole	24.6	123		Data taken from the stand to the south. Very wet stand with Hog Island creek flowing along it. Heavy deer use and very thick cedar. Areas of the stand are more like C3 then a C6 stand. Still very thick cedar within the stand.
122	4117 - Mixed N. Hardwood - Pine	High Density Sapling	5.2	20		Stand was planted in 1994. A majority of the pine failed it is now a hardwood stand.
123	4130 - Aspen	High Density Sapling	33.9	7		Some wetter areas in the south part of the stand. Stand was accessed using a portable bridge off of Hog Island Rd.
124	42110 - Planted Red Pine	High Density Log	17.9	79	171-200	Nice, mature red pine stand. Ready for final harvest.
125	4112 - Maple, Beech, Cherry Association	High Density Log	10.2	85	141-170	Nice maple stand. Not alot of understory. Ready for a selection harvest.
126	4134 - Aspen, Spruce/Fir	High Density Sapling	55.0	21		This stand has some wet areas but it is primarily upland. Regeneration is doing really good except the wet areas.
127	42110 - Planted Red Pine	High Density Sapling	26.5	14		Monitor for pests.
128	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	7.6	21		Upland Mackinac Mix Stand.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
129	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	33.6	81	51-80	Very wet swamp conifer stand. Diameter are small and basal area is lower in some spots. Look at harvesting next entry.
130	6112 - Lowland Aspen	High Density Sapling	20.4	3		Regeneration has come back thick.
131	42340 - Upland Spruce/Fir	Low Density Sapling	11.2	24		Data taken from the compartment to the south. Clear cut with a lot of residual, non-merchantable balsam fir and spruce scattered with some aspen clumps also. A handful of super canopy white pine remaining scattered. Some area of aspen regeneration following sale.
132	6124 - Lowland Spruce-Fir	High Density Sapling	40.4	24		Fair amount of aspen but primarily spruce and balsam.
133	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	15.1	14		Wet, young Mackinac Mix stand. Regeneration is doing good.
134	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	10.6	21		A small portion of the stand is upland but a vast majority of the stand is wet.
135	4112 - Maple, Beech, Cherry Association	High Density Log	60.9	77	81-110	Stand was thinned last entry. Heavy deer browse.
136	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	23.2	22		
138	42110 - Planted Red Pine	High Density Log	11.3	79	171-200	Stand is ready to harvest. Large diameters. Cut and replant to red pine.
139	4110 - Sugar Maple Association	High Density Pole	4.2	63	111-140	Nice, little maple stand. It will make a nice firewood job.
140	4134 - Aspen, Spruce/Fir	High Density Sapling	3.6	16		Data taken from the compartment to the south. Aspen with balsam and spruce and some paper birch of 10' to 20' tall. Deer slowed the growth.
141	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	12.6	25		Decent lowland aspen stand. Cut at the same time as the stand to the north.
142	4137 - Aspen, Birch	High Density Sapling	27.9	3		
143	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	35.9	121	111-140	Very wet stand. Riparian area left along creek.
144	4130 - Aspen	High Density Sapling	29.8	25		Nice aspen stand. Not a lot of conifer.
145	4130 - Aspen	High Density Sapling	20.0	14		Nice aspen stand. Less conifer than other stands in the area.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
146	4134 - Aspen, Spruce/Fir	High Density Sapling	27.3	15		Pocket of thick conifer in the center of the stand.
147	429 - Mixed Upland Conifers	High Density Pole	21.9	38	51-80	Stand is mixed conifer and aspen. Too much aspen to remove conifer let go for another twenty years and final harvest at that time.
148	42110 - Planted Red Pine	High Density Log	17.3	79	141-170	Smaller diameters than other pine in the area. Thin this stand and final harvest next entry.
149	6111 - Lowland Balsam Poplar	High Density Sapling	24.4	11		Stand was cut in 2002. Regeneration doing good.
150	4134 - Aspen, Spruce/Fir	High Density Pole	12.1	41	51-80	Stand is primarily poles but still alot of sapling size trees.
152	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	35.6	106	81-110	Smaller diameter lowland Mackinac Mix. Look at harvesting in 10-20 years.
153	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	35.7	82	111-140	Nice Mackinac Mix stand. Look at harvesting half of the stand this entry.
154	42110 - Planted Red Pine	High Density Sapling	16.7	14		Monitor for pests and competition.
155	4134 - Aspen, Spruce/Fir	High Density Sapling	3.4	9		Data taken from the stand to the south. Regeneration is doing good.
159	42110 - Planted Red Pine	High Density Sapling	18.0	14		Monitor for pests.
160	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	37.2	22		
161	4130 - Aspen	High Density Sapling	46.5	14		The troll fire burned this stand in 1999. Regeneration is doing great. It is wet along the road in a few places but it is primarily upland.
162	4133 - Aspen, Mixed Pine	High Density Sapling	26.1	21	1-50	Young aspen stand. Some residual red pine was left when harvested.
163	6120 - Lowland Cedar	High Density Pole	21.0	115	111-140	Very wet cedar. Small pond within the stand. Some portions have more balsam.
164	4130 - Aspen	High Density Sapling	37.2	5		Stand was cut in 2009. Part of the Negative Contact sale. Some lower areas in the northern part of the stand.
168	4137 - Aspen, Birch	High Density Sapling	36.7	5		Stand was cut in 2009. Negative contact sale.

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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 145
Year of Entry: 2016

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
169	4116 - Mixed N. Hardwood - Aspen	High Density Sapling	35.6	15		Stand was burned in the Troll Fire.
170	4130 - Aspen	High Density Sapling	18.0	12		Stand was cut in 2002. Part of the Blowout Hardwood sale. Regeneration is doing great.
172	4112 - Maple, Beech, Cherry Association	High Density Log	9.2	98	81-110	Cut as part of T's Missed Curve. this is part of a much larger stand to the east and north. Look at cutting in ten years.
173	42110 - Planted Red Pine	High Density Pole	35.7	82	111-140	Stand was thinned last entry.
174	42210 - Natural Red Pine	High Density Sapling	60.5	15		
175	4130 - Aspen	High Density Sapling	7.1	20		Nice aspen stand. More conifer to in the northern part of the stand.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	622 - Lowland Shrub	4.1	Unspecified	Unspecified	
2	310 - Herbaceous Openland	3.7	Unspecified	Unspecified	
4	330 - Low-Density Trees	3.0	Unspecified	Unspecified	
5	622 - Lowland Shrub	12.6	Unspecified	Unspecified	
6	622 - Lowland Shrub	15.2	Unspecified	Unspecified	
9	622 - Lowland Shrub	4.4	Unspecified	Unspecified	
13	310 - Herbaceous Openland	4.1	Unspecified	Unspecified	
17	622 - Lowland Shrub	9.5	Unspecified	Unspecified	
20	622 - Lowland Shrub	48.1	Unspecified	Unspecified	
22	330 - Low-Density Trees	21.9	Unspecified	Unspecified	
27	310 - Herbaceous Openland	13.1	Unspecified	Unspecified	
29	622 - Lowland Shrub	7.4	Unspecified	Unspecified	
35	310 - Herbaceous Openland	4.0	Unspecified	Unspecified	
38	622 - Lowland Shrub	2.8	Unspecified	Unspecified	
40	50 - Water	2.0	Unspecified	Unspecified	
43	50 - Water	0.6	Unspecified	Unspecified	
46	310 - Herbaceous Openland	4.2	Unspecified	Unspecified	
55	622 - Lowland Shrub	109.8	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
66	622 - Lowland Shrub	7.3	Unspecified	Unspecified	
77	3303 - Mixed Low Density Trees	20.3	Natural Regen	Aspen	
83	622 - Lowland Shrub	87.2	Unspecified	Unspecified	
85	622 - Lowland Shrub	117.1	Unspecified	Unspecified	
86	310 - Herbaceous Openland	2.1	Unspecified	Unspecified	
98	310 - Herbaceous Openland	28.9	Unspecified	Unspecified	
100	310 - Herbaceous Openland	4.8	Unspecified	Unspecified	
101	3303 - Mixed Low Density Trees	35.1	Natural Regen	Aspen	
109	622 - Lowland Shrub	2.2	Unspecified	Unspecified	
112	622 - Lowland Shrub	18.8	Unspecified	Unspecified	
115	622 - Lowland Shrub	4.4	Unspecified	Unspecified	
117	623 - Emergent Wetland	5.0	Unspecified	Unspecified	
137	622 - Lowland Shrub	1.8	Unspecified	Unspecified	
151	629 - Mixed non-forested wetland	1.3	Unspecified	Unspecified	
156	622 - Lowland Shrub	7.1	Unspecified	Unspecified	
157	622 - Lowland Shrub	2.3	Unspecified	Unspecified	
158	3302 - Low Density Conifer Trees	49.8	Plantation	Red Pine	
165	622 - Lowland Shrub	46.5	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
166	50 - Water	1.2	Unspecified	Unspecified	
167	623 - Emergent Wetland	1.9	Unspecified	Unspecified	
171	629 - Mixed non-forested wetland	11.4	Unspecified	Unspecified	
176	310 - Herbaceous Openland	2.2	Unspecified	Unspecified	
177	622 - Lowland Shrub	1.7	Unspecified	Unspecified	