



Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 33112

Entry Year 2018

Acreage: 1,669

County Menominee

Management Area: Green Bay Lake Plain

Revision Date: 2016-06-24

Stand Examiner: Dan Racine

Legal Description:

T36N R25W Section 6; T37N R25W Sections 19, 30, 31, 32; T37N R26W Sections 25, 36

Identified Planning Goals:

The compartment consists of 620 acres of upland forest cover type with northern hardwoods the majority. The lowland forest cover type is 591 acres with the majority of the lowland type as cedar. The non forested types are 457 acres. The total acres scheduled for treatment within the compartment is 710 acres. The treatments within the northern hardwood cover type are selection and thinning harvests to enhance the existing stand quality. The clearcuts in the upland and lowland cover types will provide age class distribution and enhance regeneration of the existing overstory species.

Soil and topography:

The soils on the hardwood ridges are Onaway fine sandy loam. These soils are well drained on moderate to steep slopes. The soils in the Cedar types are Lupton-Cathro and these soils are deep and poorly drained in depressions and low areas. The smaller lowland areas are Solona loam, which are deep and somewhat poorly drained soils. The Peterson pond contains Lupton muck which is a deep muck soil of more than 60 inches and very poorly drained. The compartment is flat and level on the south end and northeast running ridges and moraines on the north side in the upland and hardwood areas.

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

This compartment is located south of county road 374 east of Carney. The compartment is surrounded by private land with one private parcel within the compartment boundary. The Peterson Pond is a large impoundment important for waterfowl.

Unique Natural Features:

The Devils Creek traverses the south end of the compartment with a dam constructed which contains the Peterson Pond.

Archeological, Historical, and Cultural Features:

A historical site is an old logging camp site.

Special Management Designations or Considerations:

The Peterson Pond Devils creek Special Conservation Areas with the management objective of a riparian area management zone.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Peterson Pond is the focal point of this compartment. The pond has been present since early in the 1900's when a logging dam was built on Devil's Creek. During summer 2005, a fixed-crest rock spillway replaced an aging and defective stop-log structure. The spillway is designed to create a shallow-water wetland habitat that includes open water, cattail marsh, and wet meadow. A parking lot and boardwalk provide public access to the pond for wildlife viewing and hunting. The spillway, boardwalk, and parking lot will be maintained during the coming decade. There may be opportunities for placement of interpretive signs. The Peterson Pond flooding is designated as a Special Conservation Area (SCA) and the adjacent riparian stands provide mature forest conditions for wildlife. Several stands south of the flooding were removed from SCA status and are prescribed for treatment. Thinning of northern hardwood stands will provide early successional habitat while retaining minor component tree species. Clearcuts in lowland cover types will improve age class distribution and wildlife food and cover resources.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of medium-textured glacial till. The glacial drift thickness varies between 10 and 50 feet. The Ordovician Black River Formation underlies the glacial drift. The Black River is quarried for dolostone elsewhere in the

UP. This area has not been leased previously for metallic exploration. Gravel pits are located on drumlins in Section 24 and 36 and potential appears to be good on the upland drumlins. No economic oil and gas production has been found in the UP.

Vehicle Access:

The access from the north is County Road 374. The access from the south is through an easement through private land. The southeast side of the compartment has a parking lot and boardwalk across the Devils Creek for access to the Peterson Pond. All vehicle access to the compartment is not open to the public.

Survey Needs:

Corners will be needed in sections 19, 30, 25, 31, and 6.

Recreational Facilities and Opportunities:

There is a parking lot and boardwalk access trail to the Peterson Pond. There are no other developed recreational sites within this compartment. The main recreational opportunities are hunting, fishing, hiking and sight seeing.

Fire Protection:

There are no significant fire dangers within this compartment. Water sites within this compartment are the Devils Creek and Peterson Pond. Vehicle access may pose a problem for equipment access.

Additional Compartment Information:

The following reports from the Inventory are attached:

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

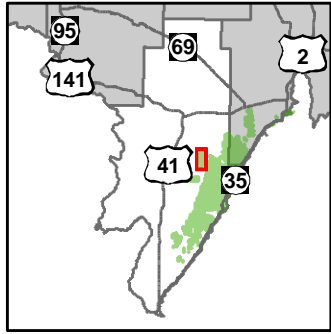
The following information is displayed, where pertinent, on the attached compartment maps:

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

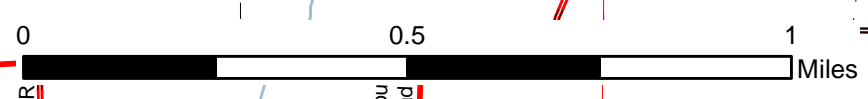
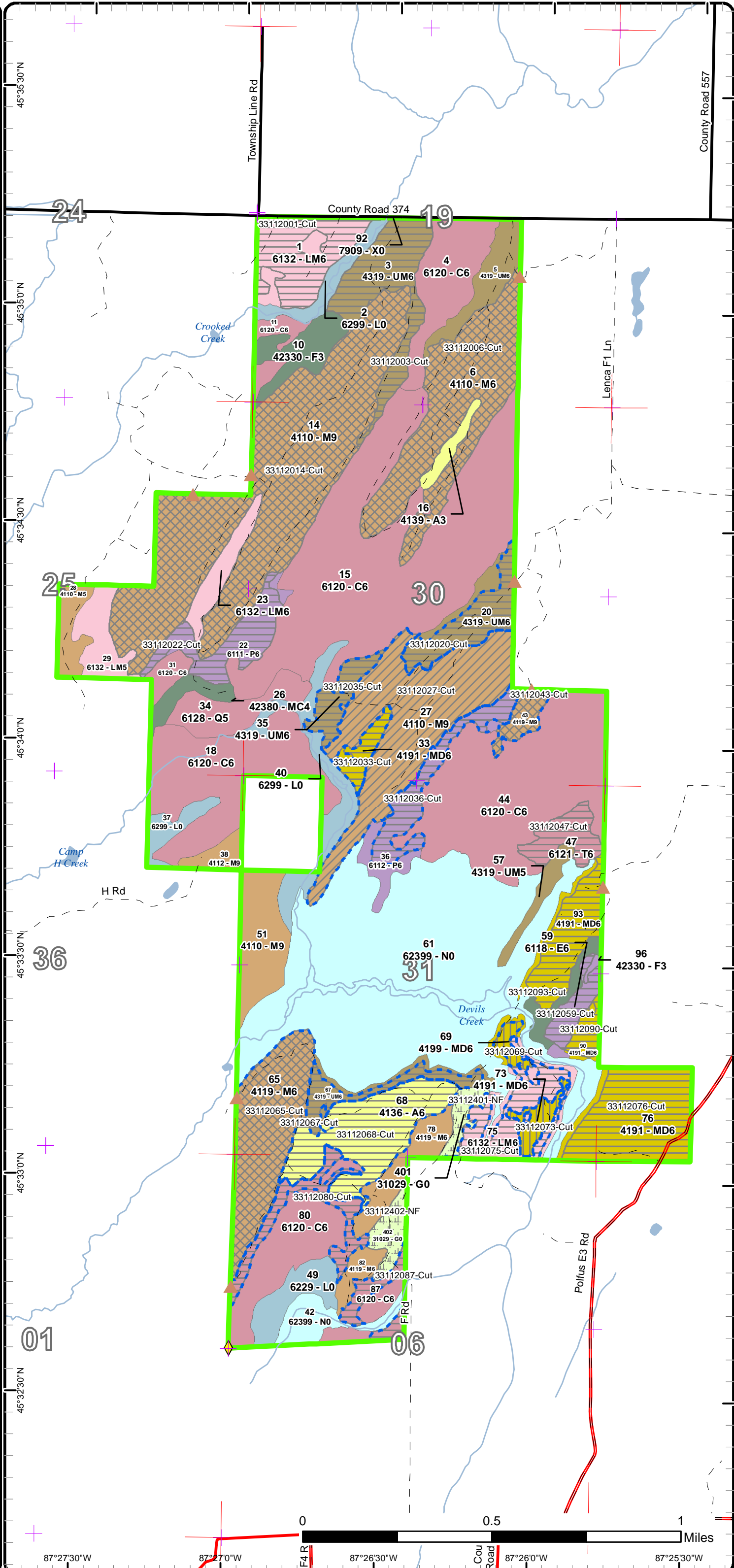
Cover Type & Treatments Map

Compartment: 112

County: Menominee
 Unit: Escanaba
 Mgmt Area: Green Bay Lake Plain
 YOE: 2018
 Acres: 1669 GIS Calculated
 Examiner: Dan Racine
 Map Revised: 6/24/2016
 Map Phase: Web-Post



- Miris Corners
- + Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ▲ Berms
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Other Treatment - See Comments
- Thinning (Crown, Low, Systematic)
- Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 790 - Other Bare/Sparsely Vegetated
- Lakes

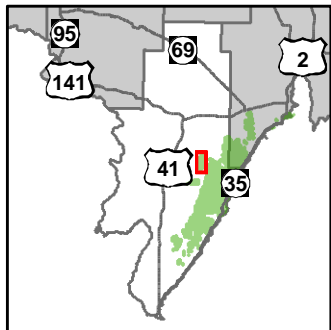


87°27'30"W 87°27'0"W 87°26'30"W 87°26'0"W 87°25'30"W

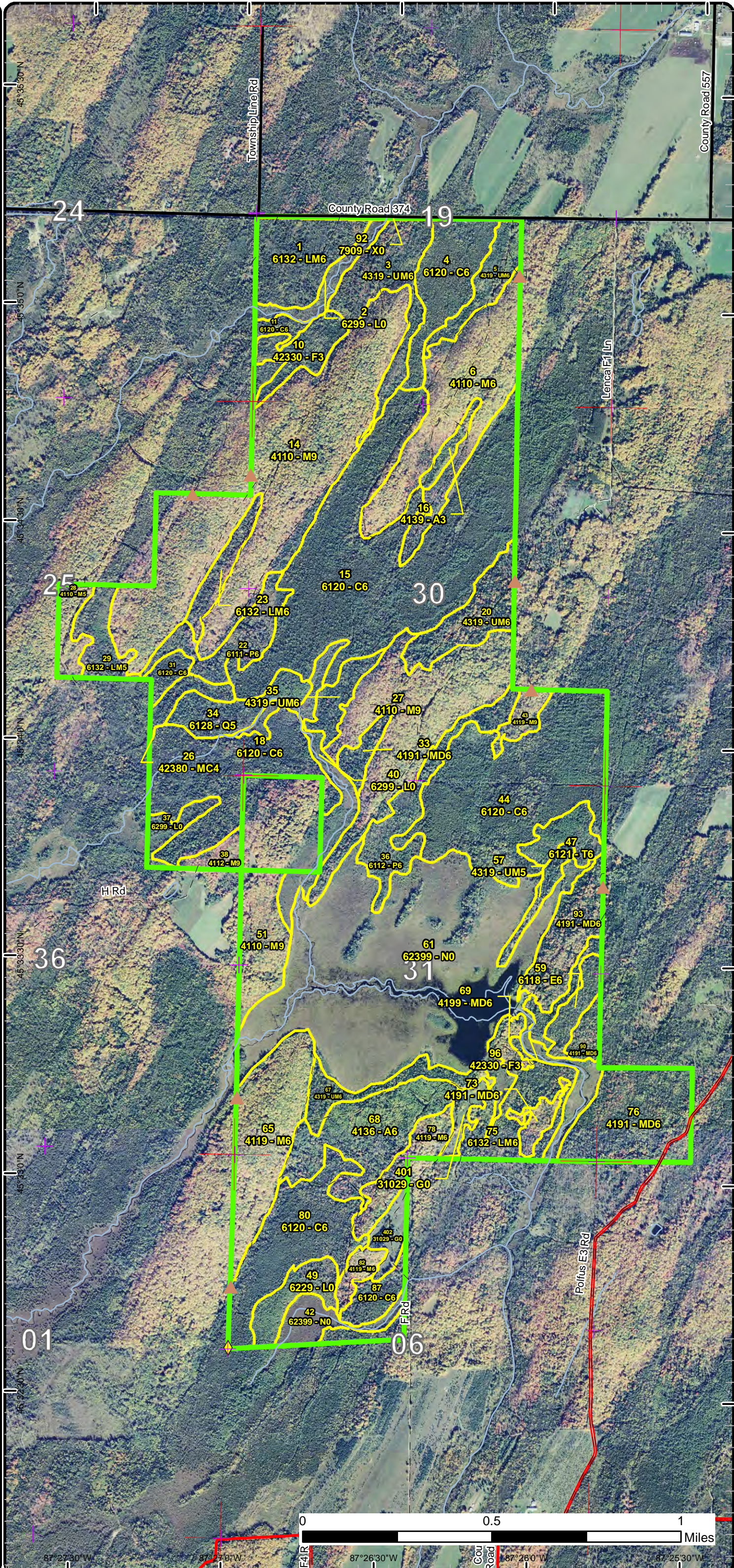
Stand Boundary Map

Compartment: 112

County: Menominee
 Unit: Escanaba
 Mgmt Area: Green Bay Lake Plain
 YOE: 2018
 Acres: 1669 GIS Calculated
 Examiner: Dan Racine
 Map Revised: 6/24/2016
 Map Phase: Web-Post



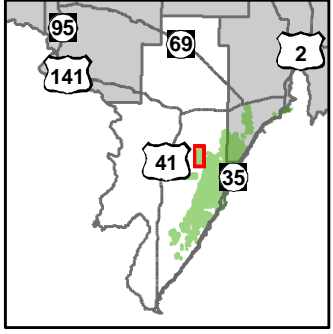
- Miris Corners
- + Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ▲ Berms
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- Rivers
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 790 - Other Bare/Sparsely Vegetated



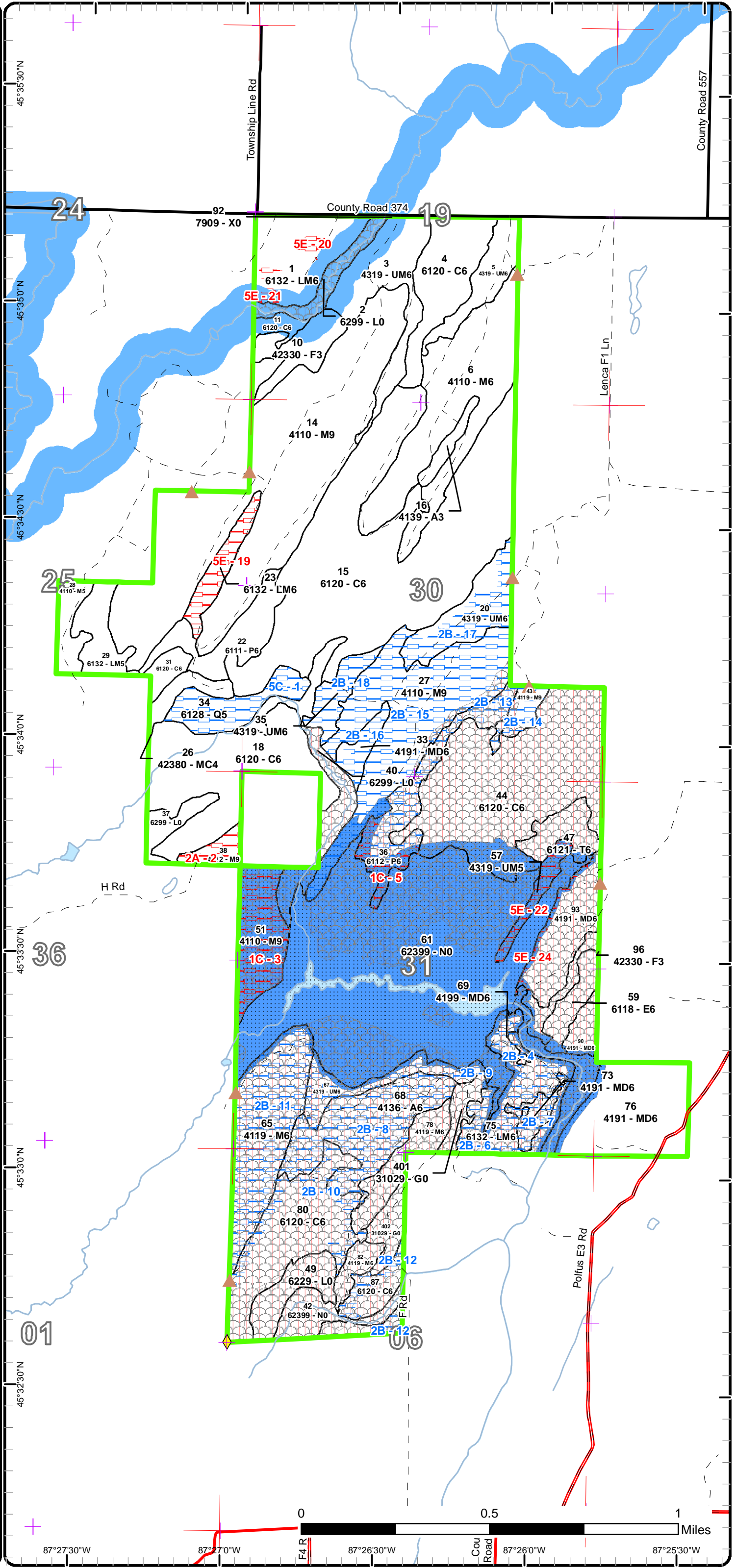
Special Conservation Areas & Site Conditions Map

Compartment: 112

County: Menominee
 Unit: Escanaba
 Mgmt Area: Green Bay Lake Plain
 YOE: 2018
 Acres: 1669 GIS Calculated
 Examiner: Dan Racine
 Map Revised: 6/24/2016
 Map Phase: Web-Post



- Miris Corners
 - + Remonumented Section Corners
 - ◆ Survey Grade GPS Corners
 - ▲ Berms
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - Rivers
 - Compartment Boundary
 - SCA
 - SCA Removal
 - Available w/ Constraints
 - Unavailable
- 2B: Unknown if access through adjacent landowner(s) is possible
 5C: Delay treatment for age/size class diversity or exceptional site quality
 1C: Other dept or div proc/practices
 2A: Adjacent landowner denied access
 5E: Long-Term Retention
- Stand Boundaries
 - Cold Water Streams
 - Cold Water Lakes
 - High Priority Trout Stream Buffer
 - Riparian Area
 - Other SCA (No Category Assigned)



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	5	0	45	0	0	0	0	0	0	0	0	0	0	0	0	50
Bare/Sparsely Vegetated	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Cedar	0	0	0	0	0	0	0	0	0	81	350	16	0	0	0	0	0	0	447
Herbaceous Openland	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Lowland Aspen/Balsam Poplar	0	0	0	0	0	22	27	0	0	0	0	0	0	0	0	0	0	0	49
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	19
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
Lowland Mixed Forest	0	0	0	0	0	0	11	0	33	43	0	0	0	0	0	0	0	0	87
Lowland Shrub	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58
Marsh	248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	248
Mixed Upland Deciduous	0	0	0	0	0	47	14	26	0	13	0	0	0	0	0	0	0	0	100
Northern Hardwood	0	0	0	0	0	0	0	0	0	239	0	0	0	0	0	0	0	194	433
Tamarack	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	13
Upland Conifers	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Mixed Forest	0	0	0	0	15	0	18	73	0	0	0	0	0	0	0	0	0	0	106
Upland Spruce/Fir	0	0	0	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Total	323	0	0	12	31	122	59	110	0	379	412	16	10	0	0	0	0	194	1668



Report 2 – Treatment Summary

Escanaba Mgt. Unit

Year of Entry: 2018

Acres of Harvest

Compartment 112

Total Compartment Acres: 1,669

Commercial Harvest - 634
 Harvests with Site Condition - 303
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	45	0	0	0	0	0	0	0	0	45
Cedar	24	0	0	0	0	0	0	0	0	24
Lowland Aspen/Balsam Poplar	20	0	0	0	0	0	0	0	0	20
Lowland Deciduous	9	0	0	0	0	0	0	0	0	9
Lowland Mixed Forest	28	0	0	0	0	0	0	0	0	28
Mixed Upland Deciduous	44	0	0	0	10	0	0	0	0	55
Northern Hardwood	0	289	0	0	0	78	0	0	0	367
Tamarack	13	0	0	0	0	0	0	0	0	13
Upland Mixed Forest	75	0	0	0	0	0	0	0	0	75
Total	256	289	0	0	10	78	0	0	0	634

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	634	0	0	0	0	0	0	15	0	649
Next Step	0	162	0	0	0	556	0	0	0	717
Total	634	162	0	0	0	556	0	15	0	1366



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
S t a n d	1 33112001-Cut	27.5	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	84		Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Proposal
Habitat Cut: No		Site Condition:									
<u>Prescription</u>		Clearcut with reserves: Cut all trees, leave retention of heavy cedar pockets and patches of non merchantable timber. Retention shown on									
<u>Specs:</u>		treatment map.									
<u>Next Step</u>		Monitoring, Natural Regen (Re-Inventory)									
<u>Treatments:</u>											
<u>Acceptable</u>		Balm, aspen, mixed conifer species.									
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
Proposed Start Date:		10/01/2017									
<hr/>											
	3 33112003-Cut	33.0	4319 - Mixed Upland Forest	Poletimber Well	64	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Two-Aged	Proposal
Habitat Cut: No		Site Condition:									
<u>Prescription</u>		Clearcut with reserves: Cut all trees except leave some pine and all hemlock. Leave retention along stand boundary line.									
<u>Specs:</u>											
<u>Next Step</u>		Monitoring, Natural Regen (Re-Inventory)									
<u>Treatments:</u>											
<u>Acceptable</u>		Mixed upland conifer and deciduous.									
<u>Regen:</u>											
<u>Other</u>		May leave a small patch of cedar.									
<u>Comment:</u>											
Proposed Start Date:		10/01/2017									
<hr/>											
	6 33112006-Cut	70.7	4110 - Sugar Maple Association	Poletimber Well	86	51-80	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Proposal
Habitat Cut: No		Site Condition:									
<u>Prescription</u>		Selection: Retain approximately 70 BA throughout. Create larger canopy gaps where feasible.									
<u>Specs:</u>											
<u>Next Step</u>		Monitoring, Natural Regen (Re-Inventory)									
<u>Treatments:</u>											
<u>Acceptable</u>		Northern hardwood species mix present in stand.									
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
Proposed Start Date:		10/01/2017									
<hr/>											
	14 33112014-Cut	161.5	4110 - Sugar Maple Association	Sawtimber Well	86	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Proposal
Habitat Cut: No		Site Condition:									
<u>Prescription</u>		Selection: Retain approximately 70 BA throughout. Create large canopy gaps and encourage scarification. Treatment may be modified as a potential									
<u>Specs:</u>		research project.									
<u>Next Step</u>		Monitoring, Natural Regen (Re-Inventory); SitePrep, Scarification									
<u>Treatments:</u>											
<u>Acceptable</u>		Any mix of northern hardwood species present in stand.									
<u>Regen:</u>											
<u>Other</u>		Site not picked for research project.									
<u>Comment:</u>											
Proposed Start Date:		10/01/2017									



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
20	33112020-Cut	19.9	4319 - Mixed Upland Forest	Poetimber Well	66	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal
Habitat Cut: No			Site Condition: Unknown Access								
<u>Prescription</u> Clearcut with reserves: Cut all trees except leave some yellow birch and leave a retention area in heavy cedar pockets.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Aspen, balsam fir, mixed deciduous species.											
<u>Regen:</u>											
<u>Other</u> Access through private from the southeast off old winter road through stand 44.											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2017											
22	33112022-Cut	20.4	6111 - Lowland Balsam Poplar	Poetimber Well	40		Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Proposal
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Clearcut with reserves: Cut all trees except leave some yellow birch and leave a retention area in heavy cedar pockets.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Balm, aspen, mixed conifer species.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2017											
27	33112027-Cut	78.2	4110 - Sugar Maple Association	Sawtimber Well	86	111- 140	Harvest	Crown Thinning	411 - Northern Hardwood	Uneven- Aged	Proposal
Habitat Cut: No			Site Condition: Unknown Access								
<u>Prescription</u> Thinning: Retain approximately 80 BA. Improve the existing stand quality.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> Northern hardwood species.											
<u>Regen:</u>											
<u>Other</u> The best access is through private from the east. Through the old winter road through stand 44. Private access will need to be obtained. Access											
<u>Comment:</u> from the west through state would require potential stream crossing.											
<u>Proposed Start Date:</u> 10/01/2017											
33	33112033-Cut	6.8	4191 - Mixed Upland Deciduous with Conifer	Poetimber Well	50	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal
Habitat Cut: No			Site Condition: Unknown Access								
<u>Prescription</u> Clearcut with reserves: Cut all trees, leaving retention of 3-10% of the sale in the cedar area.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Aspen, balm, maple, mixed upland conifer.											
<u>Regen:</u>											
<u>Other</u> Access through private to the east.											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/01/2017											



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
35	33112035-Cut	10.5	4319 - Mixed Upland Forest	Poletimber Well	55	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal

Habitat Cut: No **Site Condition: Unknown Access**

Prescription Clearcut with reserves: Cut all trees except leave retention in the highest cedar area.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Maple, aspen, balsam fir, mixed upland conifer.

Other Comment:

Access will be through private to the east.

Proposed Start Date: 10/01/2017

36	33112036-Cut	19.5	6112 - Lowland Aspen	Poletimber Well	50	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Proposal
----	--------------	------	----------------------	-----------------	----	--------	---------	-------------------------	----------------------	-----------	----------

Habitat Cut: No **Site Condition: Unknown Access**

Prescription Clearcut with reserves: Cut all trees except leave retention of the SCA area to the south along the Peterson Pond and heavy cedar area.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Aspen, balm, ash, mixed conifer species.

Other Comment:

Private access will be necessary.

Proposed Start Date: 10/01/2017

43	33112043-Cut	7.4	4119 - Mixed Northern Hardwoods	Sawtimber Well	86	81-110	Harvest	Group Selection	4319 - Mixed Upland Forest	Two-Aged	Proposal
----	--------------	-----	---------------------------------	----------------	----	--------	---------	-----------------	----------------------------	----------	----------

Habitat Cut: No **Site Condition: Unknown Access**

Prescription Group selection: Retain approximately 40-50 BA, removing the balsam fir, aspen, spruce, birch and retaining lower overall BA in these areas. The residual BA range in the highest sugar maple areas may be left higher promoting a higher quality in these areas.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Northern hardwood species mix and aspen and upland conifer species.

Other Comment:

Access through private to the east.

Proposed Start Date: 10/01/2017

47	33112047-Cut	12.9	6121 - Tamarack	Poletimber Well	85	81-110	Harvest	Clearcut	612 - Lowland Coniferous Forest	Even-Aged	Proposal
----	--------------	------	-----------------	-----------------	----	--------	---------	----------	---------------------------------	-----------	----------

Habitat Cut: No **Site Condition:**

Prescription Clearcut: Cut all trees.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Tamarack, spruce, mixed lowland deciduous.

Other Comment:

Best access is through private, feasible from the south.

Proposed Start Date: 10/01/2017



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
59	33112059-Cut	8.6	6118 - Lowland Deciduous with Cedar	Poletimber Well	112	81-110	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	Proposal

Habitat Cut: No

Site Condition:

Prescription Clearcut with reserves: Leave a buffer along the creek on the south edge. Leave heavy cedar patches intact.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Ash, maple, and birch with mixed conifers.

Regen:

Other Access from private to the east or through lowland area east of the creek. Minimum 100 foot buffer along Devils Creek.

Comment:

Proposed Start Date: 10/01/2017

65	33112065-Cut	49.1	4119 - Mixed Northern Hardwoods	Poletimber Well	86	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Proposal
----	--------------	------	---------------------------------	-----------------	----	--------	---------	-----------------------	-------------------------	-------------	----------

Habitat Cut: No

Site Condition: Unknown Access

Prescription Selection: Retain approximately 70-80 BA throughout except retain closer to 40-50BA in the heavy birch area with pine understory.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Northern hardwood species. Acceptable pine and upland conifers in the west and north tip.

Regen:

Other Access is through private from the south or west.

Comment:

Proposed Start Date: 10/01/2017

67	33112067-Cut	11.2	4319 - Mixed Upland Forest	Poletimber Well	65	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal
----	--------------	------	----------------------------	-----------------	----	--------	---------	-------------------------	----------------------------	-----------	----------

Habitat Cut: No

Site Condition: Unknown Access

Prescription Clearcut with reserves: Cut all trees except leave retention along the Peterson. Leave the red pine plantation.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, mixed upland conifers.

Regen:

Other The best access is from private to the south.

Comment:

Proposed Start Date: 10/01/2017

68	33112068-Cut	44.5	4136 - Aspen, Mixed Conifer	Poletimber Well	43		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
----	--------------	------	-----------------------------	-----------------	----	--	---------	-------------------------	-------------	-----------	----------

Habitat Cut: No

Site Condition: Unknown Access

Prescription Clearcut with reserves: Cut all trees except leave retention through the drainage to the west.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, mixed upland conifers.

Regen:

Other Access is from private to the south.

Comment:

Proposed Start Date: 10/01/2017



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
-----------------------	----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-----------------

69	33112069-Cut	3.8	4199 - Other Mixed Upland Deciduous	Poletimber Well	80	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Two-Aged	Proposal
----	--------------	-----	-------------------------------------	-----------------	----	--------	---------	-------------	----------------------------	----------	----------

Habitat Cut: No **Site Condition:** Unknown Access

Prescription Specs: Shelterwood with reserves; Retain approximately 30 BA throughout leaving pine, cedar and retaining some of the maple. Leave retention along the creek and the pond.

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

Acceptable Regen: Aspen, maple, mixed upland conifers.

Other Comment: Best access is through private from the south. Refer to HAL comments. Minimum 100 foot buffer along Devils Creek.

Proposed Start Date: 10/01/2017

73	33112073-Cut	6.6	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	86	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Two-Aged	Proposal
----	--------------	-----	--	-----------------	----	--------	---------	-------------	----------------------------	----------	----------

Habitat Cut: No **Site Condition:** Unknown Access

Prescription Specs: Shelterwood: Retain approximately 40-50 BA throughout, leave all hemlock and cedar.

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

Acceptable Regen: Maple, upland conifers, aspen and ash.

Other Comment: Best access is from private to the south.

Proposed Start Date: 10/01/2017

75	33112075-Cut	21.8	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	96		Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Proposal
----	--------------	------	--	-----------------	----	--	---------	-------------------------	----------------------------	-----------	----------

Habitat Cut: No **Site Condition:** Unknown Access

Prescription Specs: Clearcut with reserves; Cut all trees except Leave retention along the creek, leave retention in a heavy cedar patch or patches.

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

Acceptable Regen: Aspen, balm, mixed deciduous and conifer species.

Other Comment: Best access is from private to the south.

Proposed Start Date: 10/01/2017

76	33112076-Cut	44.2	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	49	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal
----	--------------	------	--	-----------------	----	-------	---------	-------------------------	----------------------------	-----------	----------

Habitat Cut: No **Site Condition:**

Prescription Specs: Clearcut with reserves: Cut all trees except leave buffer along the creek on the west side. Along the boardwalk for 1 chain along either side leave all red maple, cedar, and yellow birch.

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

Acceptable Regen: upland conifers, aspen, and maple.

Other Comment: Minimum 100 foot buffer along Devils Creek.

Proposed Start Date: 10/01/2017



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
80	33112080-Cut	15.5	6120 - Lowland Cedar	Poletimber Well	82	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Proposal

Habitat Cut: No Site Condition: Unknown Access

Prescription Clearcut with reserves: Cut all trees within the treatment boundary area. The remainder of the stand is retained.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, balm, ash, mixed upland conifers.

Regen:

Other Access is from private to the east and south. The overall stand is lowland cedar, the treatment area is upland with upland cover type objective.

Comment:

Proposed Start Date: 10/01/2017

87	33112087-Cut	8.2	6120 - Lowland Cedar	Poletimber Well	106	111-140	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Proposal
----	--------------	-----	----------------------	-----------------	-----	---------	---------	-------------------------	---------------------------------	-----------	----------

Habitat Cut: No Site Condition: Unknown Access

Prescription Clearcut with reserves: Cut all trees in the treatment area leaving the area dominant to cedar.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, balm, aspen, mixed conifers.

Regen:

Other Best access is through private to the south.

Comment:

Proposed Start Date: 10/01/2017

90	33112090-Cut	5.6	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	53	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal
----	--------------	-----	--	-----------------	----	--------	---------	-------------------------	----------------------------	-----------	----------

Habitat Cut: No Site Condition:

Prescription Clearcut with reserves: Cut all trees except leave a buffer along the creek on the south edge of stand, leave heavy cedar areas intact.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, maple, upland conifers.

Regen:

Other Best access is from private to the north, potential access off the corner through the lowland area. Minimum 100 foot buffer along Devils Creek.

Comment:

Proposed Start Date: 10/01/2017

93	33112093-Cut	23.1	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	62	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal
----	--------------	------	--	-----------------	----	--------	---------	-------------------------	----------------------------	-----------	----------

Habitat Cut: No Site Condition:

Prescription Clearcut with reserves: Leave some yellow birch, ironwood and retention along the Peterson Pond.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, maple, mixed upland conifers.

Regen:

Other The best access is from private to the east with potential access through edge of lowland stand 61.

Comment:

Proposed Start Date: 10/01/2017



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
401	33112401-NF	6.5	31029 - Grass (OI)	Nonstocked			NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal - Approval Pending Edits

Habitat Cut: No

Site Condition:

Prescription Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw removal
Specs: of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others. Also sharecropping could be considered for this opening.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2016

402	33112402-NF	8.7	31029 - Grass (OI)	Nonstocked			NonForestMgt	Other - Specify	310 - Herbaceous Openland		Proposal - Approval Pending Edits
-----	-------------	-----	--------------------	------------	--	--	--------------	-----------------	---------------------------------	--	---

Habitat Cut: No

Site Condition:

Prescription Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw removal
Specs: of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others. Also sharecropping could be considered for this opening.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2016

**Total Treatment
Acreage Proposed: 725.7**

Report 4 – Site Conditions

Escanaba Mgt. Unit

Dan Racine : Examiner

Compartment: 112

Year of Entry: 2018

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	2B	5C	1C	2A	5E
		With Condition	Not Available						
50	6	44	0	Aspen	44				
385	361	24	0	Cedar	24				
15	15	0	0	Herbaceous Openland					
22	22	0	0	Lowland Aspen/Balsam Poplar					
19	0	19	0	Lowland Conifers		19			
10	10	0	0	Lowland Deciduous					
59	42	0	16	Lowland Mixed Forest					16
42	42	0	0	Lowland Shrub					
235	235	0	0	Marsh					
59	49	10	0	Mixed Upland Deciduous	10				
433	266	135	33	Northern Hardwood	135		26	6	
13	13	0	0	Tamarack					
107	58	42	7	Upland Mixed Forest	42				7
16	16	0	0	Upland Spruce/Fir					
1,466	1,136	273	56	Total Forested Acres	255	19	26	6	23
	77%	19%	4%	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	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2A: Adjacent landowner denied access	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Racine : Examiner

Compartment: 112
Year of Entry: 2018

3	Unavailable	1C: Other dept or div proc/practices	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand is in the proposed Peterson Pond SCA. Riparian area corridor, west of the pond.							
4	Available	2B: Unknown if access through adjacent landowner(s) is possible	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	1C: Other dept or div proc/practices	7	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: This area of stand 36 is part of the proposed Peterson Pond SCA. Riparian area corridor habitat. This area of the stand is being retained as long term retention for stand 36.							
6	Available	2B: Unknown if access through adjacent landowner(s) is possible	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	2B: Unknown if access through adjacent landowner(s) is possible	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	2B: Unknown if access through adjacent landowner(s) is possible	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Escanaba Mgt. Unit

Compartment: 112

Dan Racine : Examiner

Year of Entry: 2018

9	Available	2B: Unknown if access through adjacent landowner(s) is possible	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	2B: Unknown if access through adjacent landowner(s) is possible	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	2B: Unknown if access through adjacent landowner(s) is possible	49	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	2B: Unknown if access through adjacent landowner(s) is possible	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Available	2B: Unknown if access through adjacent landowner(s) is possible	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	2B: Unknown if access through adjacent landowner(s) is possible	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Escanaba Mgt. Unit

Compartment: 112

Dan Racine : Examiner

Year of Entry: 2018

15	Available	2B: Unknown if access through adjacent landowner(s) is possible	78	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	2B: Unknown if access through adjacent landowner(s) is possible	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Available	2B: Unknown if access through adjacent landowner(s) is possible	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	2B: Unknown if access through adjacent landowner(s) is possible	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5E: Long-Term Retention	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Racine : Examiner

Compartment: 112
Year of Entry: 2018

21	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
	Potential Old Growth		SCA Removal	2
Comments	Does not meet SCA criteria.			
	Potential Old Growth		SCA Removal	10
Comments	Does not meet SCA criteria.			
	Potential Old Growth		SCA Removal	11
Comments	Does not meet SCA criteria.			
	Potential Old Growth		SCA Removal	649
Comments	Does not meet SCA criteria.			
Peterson Pond	Spring-Seeps, Riparian Areas	Riparian Area	Proposed SCA	324
Comments				
Unspecified	Other SCA		SCA Removal	0
Comments	ISLAND IN THE PETERSON POND, SCA-RIPARIAN AREA MANAGEMENT ZONE IN PETERSON POND.			
Unspecified	Other SCA		SCA Removal	1
Comments	ISLAND IN THE PETERSON POND. SCA-RIPARIAN AREA MANGEMENT ZONE IN THE PETERSON POND.			
Unspecified	Other SCA		SCA Removal	1
Comments				
Unspecified	Other SCA		SCA Removal	1
Comments	SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND			
Unspecified	Other SCA		SCA Removal	1
Comments	SCA-RIPARIAN AREA MANGEMENT ZONE			
Unspecified	Other SCA		SCA Removal	1
Comments	No site index available.SCA RIPARIAN AREA MANAGEMENT ZONE AROUND PETERSON POND			



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	2
Unspecified Comments ISLAND I THE PETERSON POND.SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	2
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND and Devils Creek.	Other SCA		SCA Removal	2
Unspecified Comments	Other SCA		SCA Removal	2
Unspecified Comments DEVILS CREEK RUNS THROUGH THIS STAND AND THE PETERSON POND ON WEST EDGE OF STAND.SCA-RIPARIAN AREA MANAGEMENT ZONE. SPILLWAY MAINTENANCE NEEDED WITH FTP.	Other SCA		SCA Removal	3
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	3
Unspecified Comments SCA-RIPARIAN AREA MANGEMENT ZONE AROUND THE PETERSON POND.	Other SCA		SCA Removal	3
Unspecified Comments	Other SCA		SCA Removal	3
Unspecified Comments SCA-RIPARIAN AREA CORRIDOR IN PETERSON POND AREA.	Other SCA		SCA Removal	3
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	4
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND.	Other SCA		SCA Removal	4

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Unspecified Comments ROAD BETWEEN WETTHUNS AND STATE CROSS THIS STANDINTO THE COMPARTMENT. SCA-RIPARIAN AREA MANAGEMENT ZONE	Other SCA		SCA Removal	4
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	4
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	5
Unspecified Comments NO SITE INDEX AVAILABLE. SCA- RIPARIAN AREA MANAGEMENT ZONE	Other SCA		SCA Removal	5
Unspecified Comments No site index available.SCA-RIPARIAN AREA AROUND THE PETERSON POND	Other SCA		SCA Removal	5
Unspecified Comments SCA-RIPARIAN AREA MANGEMENT ZONE AROUND THE PETERSON POND.	Other SCA		SCA Removal	5
Unspecified Comments SCA- RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND and Devils Creek.	Other SCA		SCA Removal	5
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	6
Unspecified Comments SCA-RIPARIAN AREA MANGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	7
Unspecified Comments Riparian area buffer zone around Devils Creek and Peterson Pond.	Other SCA		SCA Removal	8
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND.	Other SCA		SCA Removal	8

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND . OLD LOGGING CAMP SITE - NORTH END OF OPENING	Other SCA		SCA Removal	9
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND.	Other SCA		SCA Removal	10
Unspecified Comments Crooked creek runs through. SCA-Riparian area zone around the crooked creek.	Other SCA		SCA Removal	10
Unspecified Comments NO SITE INDEX AVAILABLE	Other SCA		SCA Removal	11
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	11
Unspecified Comments NO SITE INDEX AVAILABLE. Devils creek lowland marsh. Riparian area buffer zone.	Other SCA		SCA Removal	12
Unspecified Comments SCA-Riparian area buffer zone around the Peterson Pond.	Other SCA		SCA Removal	12
Unspecified Comments SCA-RIPARIAN AREA BUFFER AROUND THE PETERSON POND	Other SCA		SCA Removal	15
Unspecified Comments NO SITE INDEX AVAILABLE. SCA-RIPARIAN AREA MANAGEMENT ZONE.	Other SCA		SCA Removal	18
Unspecified Comments Pockets of e3/e4 and p4/p2 with residual cedar and ash.	Other SCA		SCA Removal	18
Unspecified Comments	Other SCA		SCA Removal	18



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Unspecified Comments SCA-Peterson Pond Riparian zone	Other SCA		SCA Removal	19
Unspecified Comments SCA-RIPARIAN AREA MANGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	20
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND and Devils creek	Other SCA		SCA Removal	23
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND.	Other SCA		SCA Removal	24
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE. PLOTS OF A6,A3,A5 (WILL BE AN A6 STAND), FULLY STOCKED THROUGH MOST OF THE STAND	Other SCA		SCA Removal	25
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	28
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND.POOR QUALITY STAND.	Other SCA		SCA Removal	29
Unspecified Comments Some maple residual with some merchantable balsam. Long term MO is f type. SCA- RIPARIAN AREA MANGAGEMENT ZONE AROUND THE PETERSON POND.	Other SCA		SCA Removal	32
Unspecified Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND	Other SCA		SCA Removal	36
Unspecified Comments VERY STEEP RIDGE. EAGLES NEST ON WEST LINE. SCA-RIPARIAN AREA MANGEMENT ZONE AROUND THE PETERSON POND AND NEST PROTECTION STAND.	Other SCA		SCA Removal	46



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Unspecified	Other SCA		SCA Removal	50
Comments SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND				
Unspecified	Other SCA		SCA Removal	94
Comments				



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	32.6	84		Mixed stand with non-merchantable pockets and pockets of cedar and upland areas. Other species include aspen and tamarack in the overstory. Stand is off the road.
3	4319 - Mixed Upland Forest	Poletimber Well	33.0	64	51-80	Mixed stand with high balsam fir understory and some hazel. Autumn olive along the road.
4	6120 - Lowland Cedar	Poletimber Well	30.7	86	81-110	Smaller diameter timber, some areas of shorter lived species along the road, mainly cedar.
5	4319 - Mixed Upland Forest	Poletimber Well	15.4	32	81-110	Typed as an A3 last treatment period. North end is more to A3 but overall this is an F3 stand. F and A long term MO.
6	4110 - Sugar Maple Association	Poletimber Well	70.7	86	51-80	Age from ash tree in hardwood stands. This stand was previously planted underplanted with white pine and hemlock.
10	42330 - Upland Fir	Sapling Well	16.1	32		Younger spruce and fir stand with a mix of other species.
11	6120 - Lowland Cedar	Poletimber Well	7.4	94		Creek runs through the stand. Poor quality cedar.
14	4110 - Sugar Maple Association	Sawtimber Well	161.5	86	81-110	The BA ranges from 70-160. Trace amounts of yellow birch, paper birch, cedar, black cherry, and hemlock.
15	6120 - Lowland Cedar	Poletimber Well	170.9	97	111-140	Cedar stand with 60-80% cedar canopy. Trace amount of aspen in the overstory.
16	4139 - Aspen, Mixed Deciduous	Sapling Well	5.2	29	Immature	Aspen stand between 25-30 years old. Balm to the south in lowland areas and aspen through higher ground.
18	6120 - Lowland Cedar	Poletimber Well	62.6	97	111-140	The south finger south of 37 is more mixed lowland conifer that could be harvested. The remainder is cedar with creek through the stand. If landowner to the west access was obtained this portion of stand could be harvested with stand 38. Trace amounts of yellow birch, and black cherry.
20	4319 - Mixed Upland Forest	Poletimber Well	24.5	66	51-80	Trace amounts of yellow birch in the overstory. Mixed stand with pockets of older aspen.
22	6111 - Lowland Balsam Poplar	Poletimber Well	21.8	40		balm, aspen, ash, paper birch. Trace amount of yellow birch.
23	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	11.4	65	51-80	Black and ash and cedar.
26	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Poor	7.7	40	1-50	Scattered stand wit small diameters.
27	4110 - Sugar Maple Association	Sawtimber Well	78.2	86	111-140	South ridge is part of the Peterson pond SCA.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
28	4110 - Sugar Maple Association	Poletimber Medium	10.2	86	81-110	Treat next treatment period.
29	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	14.9	90	111-140	Two aged stand with cedar and a mix of merchantable balm, ash, birch and balsam fir. Understory of balsam fir balm and tamarack. Look at treating with stand 28 next treatment period.
31	6120 - Lowland Cedar	Poletimber Well	5.9	90	111-140	Cedar stand
33	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	7.4	50	51-80	Some pockets of small diameter aspen to the south.
34	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	18.7	90	51-80	OPIC - FMD: OI Stand Year Origin was 1966. Potential to harvest. Significant amount of small diameter timber overall. Look to cut next treatment period with stand 26.
35	4319 - Mixed Upland Forest	Poletimber Well	11.1	55	81-110	Aspen and maple with conifer mixed. Trace amount of white pine in the overstory.
36	6112 - Lowland Aspen	Poletimber Well	27.2	50	81-110	More ash to the south.
38	4112 - Maple, Beech, Cherry Association	Sawtimber Well	6.4	86	111-140	This stand has decent hardwood with pockets of hemlock and lowland cedar and ash. Access is not obtained through private to the west.
43	4119 - Mixed Northern Hardwoods	Sawtimber Well	7.4	86	81-110	This stand is a maple stand with some lowland pockets along the edge.
44	6120 - Lowland Cedar	Poletimber Well	103.6	95	111-140	This is a stand with pure lowland cedar and islands that are seen on the imagery with upland cedar, mixed with paper birch, maple, ash, and spruce. Variable small diameter conifer on the west with balsam fir, spruce, scattered cedar, and open areas with marsh grass. Stand 47 tamarack broken out is all ELB tamarack, some scattered tamarack to the north.
47	6121 - Tamarack	Poletimber Well	12.9	85	81-110	Most of the tamarack is impacted by ELB. The best option is from the landowner to the east, potential access from the north.
51	4110 - Sugar Maple Association	Sawtimber Well	26.3	86	111-140	This stand is a part of the Peterson pond SCA. The south end is smaller diameter with balsam fir and spruce understory. Pockets of Large diameter aspen.
57	4319 - Mixed Upland Forest	Poletimber Medium	7.1	56	51-80	SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND. Ridge into the Peterson Pond.
59	6118 - Lowland Deciduous with Cedar	Poletimber Well	10.3	112	81-110	Low ground lowland ash type with cedar. Green and black ash.
65	4119 - Mixed Northern Hardwoods	Poletimber Well	49.1	86	81-110	More paper birch with balsam fir and white pine understory to the north and west tip.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
67	4319 - Mixed Upland Forest	Poletimber Well	15.8	65	81-110	Spruce/fir with aspen and lowland cedar pocket south of the pond.
68	4136 - Aspen, Mixed Conifer	Poletimber Well	44.9	43		Aspen stand with a mix of ages throughout. Some areas of smaller and close to submerchantable timber. Trace amount of white spruce and white pine in the overstory.
69	4199 - Other Mixed Upland Deciduous	Poletimber Well	5.7	80	81-110	Aspen age is current. Trace amounts of Red pine and White pine.
73	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	6.6	86	81-110	Shelterwood: Retain approximately 40-50 BA throughout, leave all hemlock and cedar. Other species include white ash, red maple, ironwood, and aspen.
75	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	28.0	96		Previously SCA-RIPARIAN AREA MANAGEMENT ZONE AROUND THE PETERSON POND and Devils creek. Other specie include white pine, hemlock, yellow birch, and black cherry.
76	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	46.7	49	51-80	Evidence of SBW. The balsam fir and spruce are dying with younger regeneration still alive. Aspen is in poor shape.
78	4119 - Mixed Northern Hardwoods	Poletimber Well	16.5	80	81-110	Pocket of balm and balsam fir and spruce on the north edge. Treat next time.
80	6120 - Lowland Cedar	Poletimber Well	50.1	82	51-80	Cedar with pockets of balm, birch, aspen, and hardwoods with spruce and fir along the edges.
82	4119 - Mixed Northern Hardwoods	Poletimber Well	6.7	80	81-110	Look to treat next time.
87	6120 - Lowland Cedar	Poletimber Well	16.1	106	111-140	Cedar stand with a ridge of upland to harvest. Other species include aspen and tamarack in the overstory.
90	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	6.5	53	81-110	Overmature timber with mix of paper birch, aspen, spruce and maple.
93	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	26.2	62	81-110	SBW in the stand. Scattered yellow birch and ironwood.
96	42330 - Upland Fir	Sapling Well	7.2	26	Immature	Mix of aspen sap and upland conifer sap stand. 2-3 inches dbh.



Stand	Cover Type	Acres	Managed Site	General Comments:
2	6299 - Lowland Shrub (OI)	10.3	No	Lowland brush stand with tag alder, scattered black ash trees between lowland brush and low density trees.
37	6299 - Lowland Shrub (OI)	7.9	No	Lowland brush. Scattered trees along the edge toward stand 18.
40	6299 - Lowland Shrub (OI)	24.3	No	Lowland brush and mixed marsh grass.
42	62399 - Marsh (OI)	12.9	No	Lowland brush and lowland marsh.
49	6229 - Mixed lowland shrub	15.4	No	Scattered trees and significant lowland brush.
61	62399 - Marsh (OI)	235.5	No	Peterson pond and the Devils Creek.
92	7909 - Nonstocked (OI)	1.9	No	OPIC - FMD: county road 374
401	31029 - Grass (OI)	6.5	No	OLD LOGGING CAMP SITE - NORTH END OF OPENING
402	31029 - Grass (OI)	8.7	No	Scattered white pine, spruce, tamarack, and paper birch.