



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45173

Entry Year 2020

Acreage: 1,943

County Mackinac

Management Area: Mackinac Mix

Revision Date: 2018-08-01

Stand Examiner: Matt Edison

Legal Description:

T43N R10W Sections: 15, 16, 17, 18, 19, 20, 21, & 22
Garfield Township

Identified Planning Goals:

This entry treatments will focus on regeneration harvests of some upland spruce/fir stands and an upland mix stand. There are very large areas of wet cedar and ridge and swale structured stands in the East part of the compartment. In the past entry period harvests of Aspen and mixed stands were conducted to facilitate natural regeneration. There are numerous stands of healthy immature aspen and mixed cover types scattered over the compartment.

Soil and topography:

The overall topography of the compartment is relatively level. Large expanses of low lying areas of swamp make up a good portion of the acreage. There are also areas of higher ground present making access to the compartment easier. The soil types found in the compartment include: Wallace, Amadon-Longrie, Wallace-Spot, Battydoe, Histosols and Aquents, Paquin-Spot, Markey and Carbondale Mucks, Furlong, Allendale-Wakely, Pickford, Amadon-Rockoutcrop, Spot-Finch complex, Corrine, Leafriver-Croswell-Wainola, Croswell, Shelter, Iosco.

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

The compartment is bordered by the Hiawatha Sportsman's Club to the east, private land parcels to the north and west and a mix of State of Michigan land and parcels of private land to the south across US Highway 2.

Unique Natural Features:

The compartment contains a small creek named O'Neil Creek. Several small mud bottom ponds are also present. There are recorded occurrences of threatened and endangered species in this compartment per MNFI database. There is also potential for other rare, threatened, or endangered plant and animal species within the compartment.

Archeological, Historical, and Cultural Features:

In Section 17 of the compartment, the old Engadine Dump is located. The area consists of a grass opening and a small pond now. There are two pipeline right-of-ways, which run through the length of the compartment in a northeast/southwest direction. Great Lakes Gas Company, and Enbridge Oil Company maintain one each. Canadian National Railroad runs through the compartment paralleling County Road H-40. Edison-Sault Electric also maintains a power line right-of-way through the west part of the compartment.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

The western and central regions of this compartment contain headwater reaches which serve as tributaries to the Rock River. Rock River is a designated Type 1 trout stream less than 50' width. A 300' buffer is recommended for the unnamed tributary in riparian areas susceptible to Aspen regeneration (specifically stands 10 and 15). For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices. The eastern region of this compartment contains O'Neil Creek and unnamed waterbodies which serve as tributaries to O'Neil Creek. O'Neil Creek is a designated Type 1 trout stream less than 50' width. A 300' buffer is recommended for the unnamed tributary in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is part of the Mackinac Mix MA where featured wildlife species include black bear, pileated woodpecker, ruffed grouse, snowshoe hare, and white-tailed deer. Land in this compartment is not all contiguous. Western-most areas contain aspen, fir, and upland mixes. Central and eastern areas are dominated by lowland conifers,

particularly cedar. The majority of the compartment is in deer wintering complex, and a primary goal for this compartment is to maintain the wintering habitat. Cedar and other lowland conifers stands will be left to provide cover for wintering deer as well as habitat for bobcat, bear, and numerous birds including neotropical migrants, and other species. Aspen stands will be left to mature to benefit species like grouse. Snags will be left during harvests to encourage use by cavity nesters like woodpeckers.

Mineral Resource and Development Concerns and/or Restrictions

Two active sand/gravel pits are located just outside the compartment to the north. There is some sand & gravel potential within the compartment, but bedrock is shallow in the area. There is good limestone/dolostone (crushed stone) potential. There is no known metallic mineral potential in this part of the state, and there is currently no economical oil and gas potential in the UP.

Vehicle Access:

Access to the compartment is good from the south side via US Highway 2. State Highway M-117 runs north and south through the middle of the compartment, and County Road H-40 runs through the northern part of the compartment. Several woods roads (two tracks) are found within the compartment in the areas with higher ground. The snowmobile trail also runs through the compartment using the Great Lakes Gas pipeline right-of-way and County Road H-40. No public access can be gained from the east or west edges of the compartment due to the large holdings of private land.

Survey Needs:

None this Entry.

Recreational Facilities and Opportunities:

There are many different types of recreation available within the compartment's boundaries. The snowmobile trail runs through the length of the compartment via the Great Lakes Gas pipeline right-of-way and County Road H-40. Deer hunting, small game hunting, and even some trapping take place within the compartment. The area also offers wildlife viewing possibilities.

Fire Protection:

The compartment is in an area where some small fires have occurred over the years, mainly on the private land nearby. There are some red pine stands with an understory of ladder fuels along with some other stands (balsam, upland spruce) which could be a fire hazard. However, the area as a whole is not an area of high concern for fire protection. The private land to the east creates some concern with respect to wildfire. Options for water sources are limited, but there is a dry hydrant at the crossing over the Millecoquins River on H-40.

Additional Compartment Information:

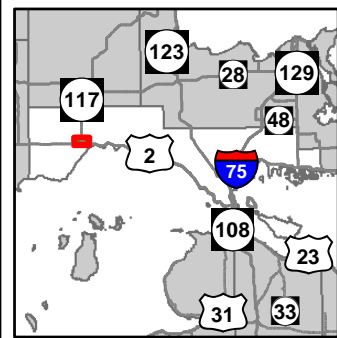
The following reports from the Inventory are attached:

- 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:

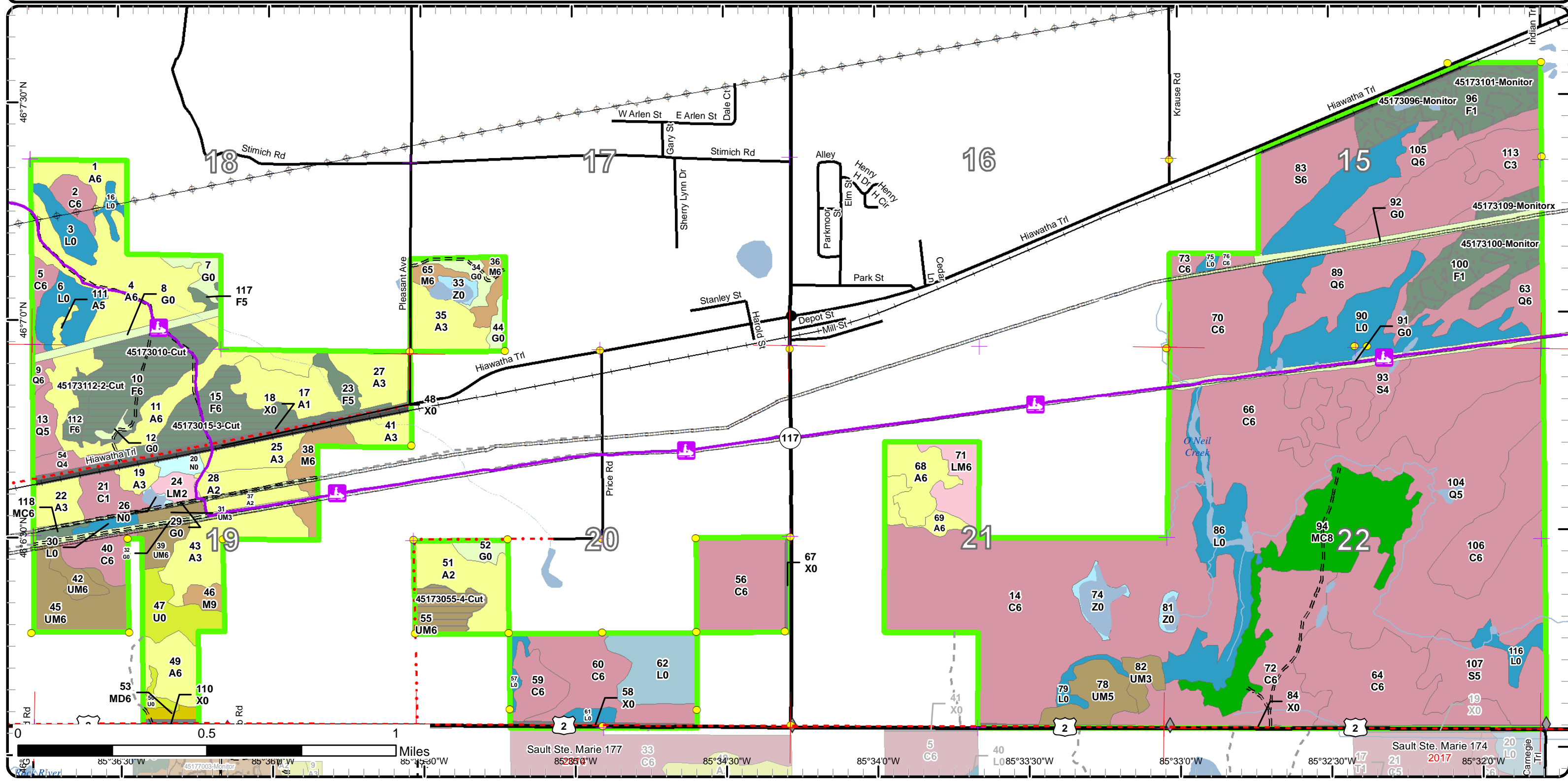
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map



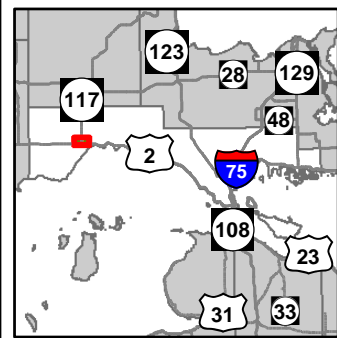
Compartment: 173
 T43N, R10W, Sec: 15, 17, 18-22
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt Area: Mackinac Mix
 YOE: 2020
 Acres: 1,943 GIS Calculated
 Examiner: Matt Edison
 Map Revised: 12/13/2018
 Map Phase: Post Review

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> — Miris Corners — Remonumented Section Corners ● Survey Grade Corners ◆ Field Grade Corners --- Counties == DNR - Primary Forest Road == DNR - Forest Access Route == Federal / State Highway == Federal / State / County - Paved Road --- Federal / State - Dirt / Gravel Road --- County - Gravel Road --- Private - Dirt / Gravel Road — Active Railroads — Snowmobile Trails | <ul style="list-style-type: none"> - - - Designated Bicycle Trails - - - Designated Snowmobile Trails ● City --- Intermittent Stream --- Lake/Pond --- Perennial River --- Lakes and Rivers All --- Pipeline --- Powerline --- Compartment Boundary --- Clearcut (w/Reserves) --- Regeneration Survey --- 411 - Northern Hardwood --- 413 - Aspen --- 419 - Mixed Upland Deciduous | <ul style="list-style-type: none"> 422 - Natural Pines 423 - Other Upland Conifers 430 - Upland Mixed Forest 612 - Lowland Coniferous Forest 613 - Lowland Mixed Forest 122 - Roads/Parking Lot 123 - Other High Intensity Urban 310 - Herbaceous Openland 330 - Low Density Trees 500 - Water 622 - Lowland Shrub 623 - Emergent Wetland 629 - Mixed non-forested wetland Lakes |
|---|---|--|

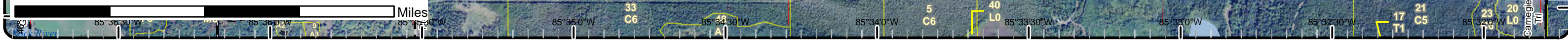
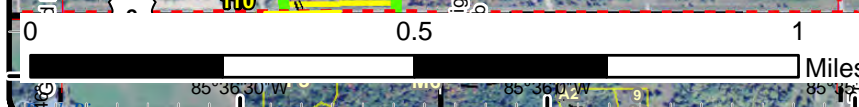
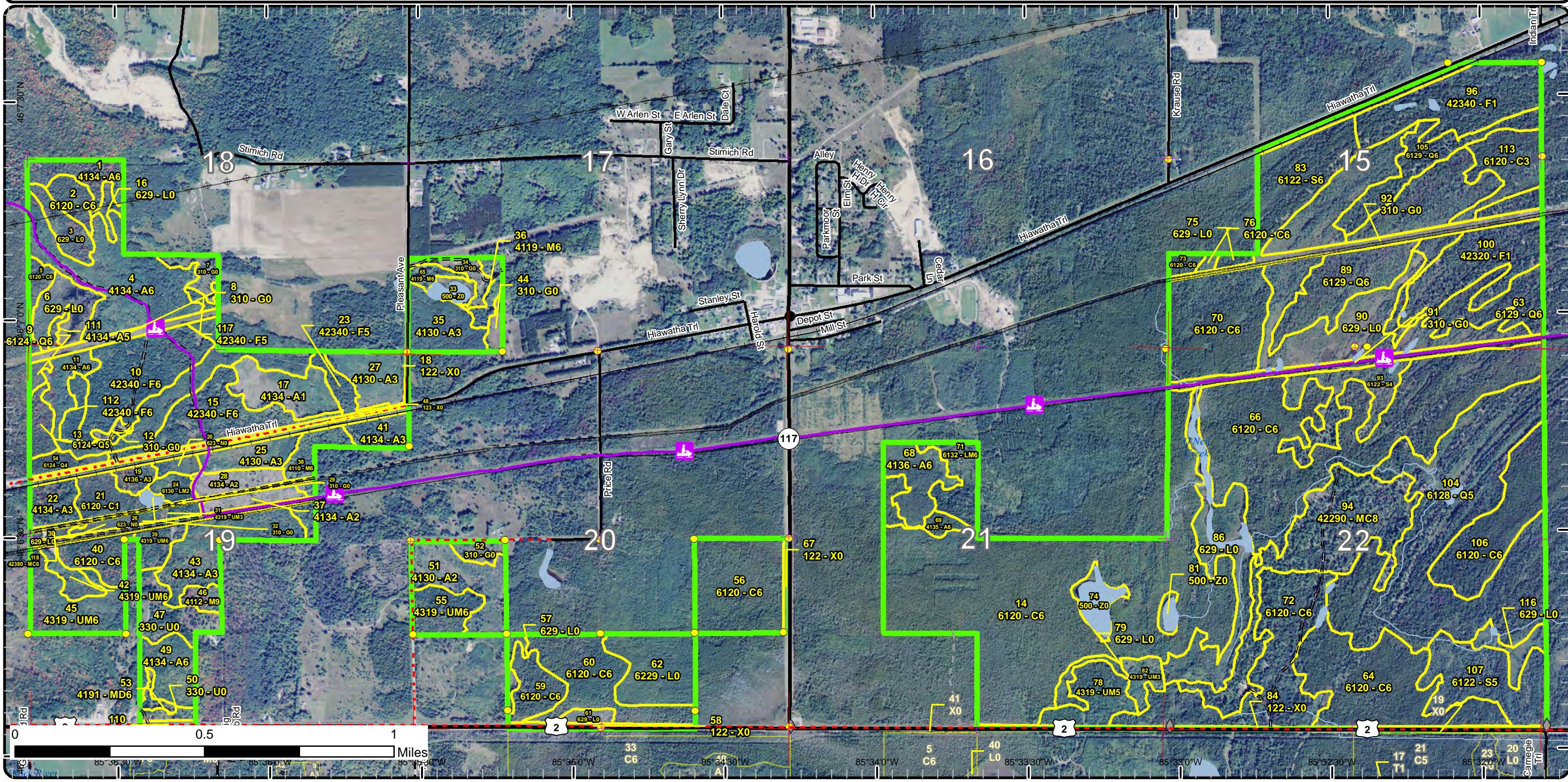


Stand Boundary Map

Compartment: 173
 T43N, R10W, Sec: 15, 17, 18-22
 County: Mackinac
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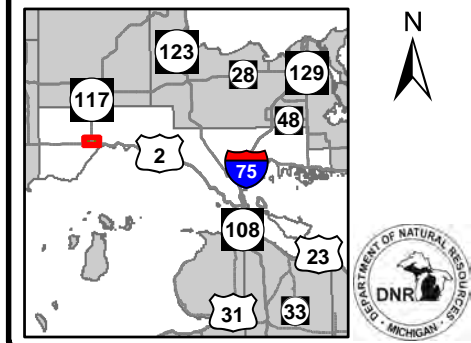


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Active Railroads
- Snowmobile Trails
- Designated Bicycle Trails
- Designated Snowmobile Trails
- City
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Pipeline
- + Powerline
- Compartment Boundary
- Stand Boundaries
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 123 - Other High Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines

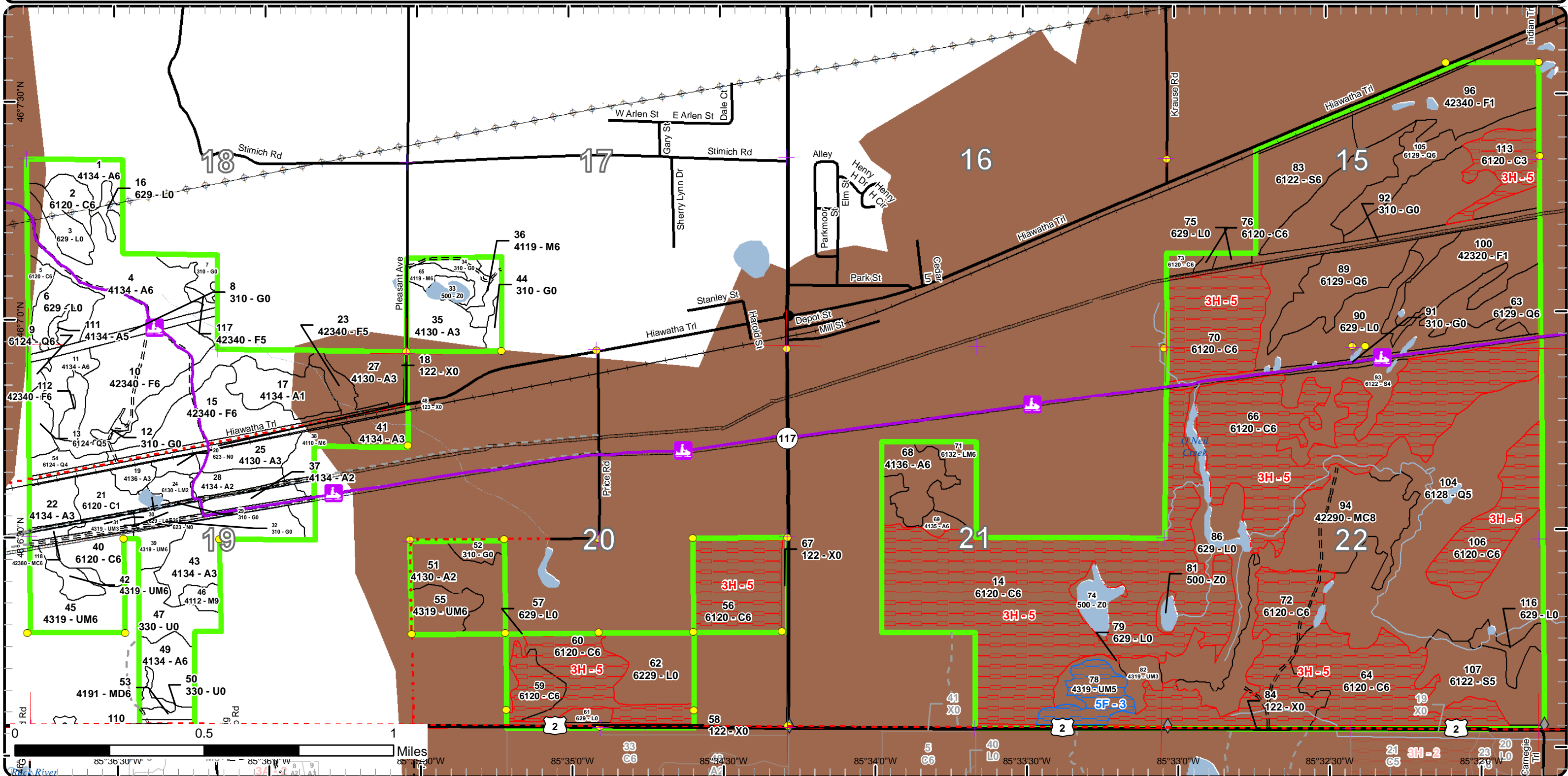


Special Conservation Areas & Site Conditions Map

Compartment: 173
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 County: Mackinac
 Unit: Sault Ste. Marie
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 YOE: 2020
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 Map Revised: 12/13/2018
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- | | | |
|--|--|---|
| <ul style="list-style-type: none"> — Miris Corners ⊕ Remonumented Section Corners ● Survey Grade Corners ◆ Field Grade Corners ▭ Counties — DNR - Primary Forest Road == DNR - Forest Access Route — Federal / State Highway — Federal / State / County - Paved Road - - Federal / State - Dirt / Gravel Road - . . County - Gravel Road - - - Private - Dirt / Gravel Road — Active Railroads ⚡ Snowmobile Trails | <ul style="list-style-type: none"> - - - Designated Bicycle Trails — Designated Snowmobile Trails ● City — Intermittent Stream — Lake/Pond — Perennial River — Lakes and Rivers All — Pipeline ⚡ Powerline ▭ Compartment Boundary ▭ Available w/ Constraints ▭ Unavailable ▭ Stand Boundaries — Cold Water Streams — Cold Water Lakes | <ul style="list-style-type: none"> ▭ Deer Winter Range |
|--|--|---|



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	79	66	16	115	2	0	0	0	0	0	0	0	0	0	0	0	0	278
Cedar	0	0	0	0	0	0	10	0	38	0	377	81	96	55	0	0	0	0	657
Herbaceous Openland	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Low-Density Trees	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Lowland Conifers	0	0	0	2	0	28	27	5	191	0	0	0	0	0	0	0	0	0	252
Lowland Mixed Forest	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Lowland Shrub	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187
Lowland Spruce/Fir	0	0	0	0	33	0	23	30	0	0	0	0	0	0	0	0	0	0	85
Marsh	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Mixed Upland Deciduous	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Natural Mixed Pines	0	0	0	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	60
Northern Hardwood	0	0	0	0	0	0	0	21	4	0	0	0	0	0	0	0	0	0	25
Upland Conifers	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Mixed Forest	0	0	7	10	28	0	17	13	0	0	0	0	0	0	0	0	0	0	75
Upland Spruce/Fir	0	0	79	0	0	8	70	0	0	0	0	0	0	0	0	0	0	0	156
Urban	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Water	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Total	333	79	152	46	178	41	147	69	293	0	377	81	96	55	0	0	0	0	1944



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2020

Compartment 173
Total Compartment Acres: 1,943

Acres of Harvest

Commercial Harvest - 82
Harvests with Site Condition - 0
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
Upland Mixed Forest	13	0	0	0	0	0	0	0	0	13
Upland Spruce/Fir	70	0	0	0	0	0	0	0	0	70
Total	82	0	0	0	0	0	0	0	0	82

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	82	0	0	0	0	0	77	0	0	160
Next Step	0	0	0	0	0	0	82	0	0	82
Total	82	0	0	0	0	0	160	0	0	242



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
10	45173010-Cut	36.4	42340 - Upland Spruce/Fir	Poletimber Well	55	141-170	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Cut. Leave any cedar and hemlock. Winter cut (Dec. 1 - Mar. 31) so tops are available for deer.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Intermediate)											
<u>Treatments:</u>											
<u>Acceptable</u> Any											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2019											
15	45173015-3-Cut	28.2	42340 - Upland Spruce/Fir	Poletimber Well	55	141-170	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Cut. Leave cedar and any hemlock, and do not reach into cedar pockets to cut other species. Winter cut (Dec. 1 - Mar. 31) so tops are available for deer.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Intermediate)											
<u>Treatments:</u>											
<u>Acceptable</u> Any											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2019											
55	45173055-4-Cut	12.6	4319 - Mixed Upland Forest	Poletimber Well	61	111-140	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Clearcut with retention. Leave some large aspen as residual. Leave cedar and hemlock if present. Consider lining out any large clumps of cedar.											
<u>Specs:</u> Leave some representative species as residual. Winter cut (Dec. 1 - Mar. 31) so tops are available for deer.											
<u>Next Step</u> Monitoring, Natural Regen (Intermediate)											
<u>Treatments:</u>											
<u>Acceptable</u> Any mix of Aspen, Birch, Balsam Fir, Spruce, Maple, Cherry, Cedar or pine.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2019											
96	45173096-Monitor	4.6	42340 - Upland Spruce/Fir	Sapling Poor	15	1-50	Monitoring	Natural Regen (Intermediate)	4311 - Pine, Aspen Mix	Even-Aged	Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> monitor											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> Any mix of Spruce, aspen, fir, red pine, white pine, birch, maple, cherry, cedar, or hemlock.											
<u>Regen:</u>											
<u>Other</u> Percent to Treat = 100%											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 6 /11/2023											



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
100	45173100-Monitor	32.5	42320 - Upland Spruce	Sapling Poor	15	1-50	Monitoring	Natural Regen (Intermediate)	4137 - Aspen, Birch	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition:**

Prescription regen Survey.
Specs:

Next Step
Treatments:

Acceptable Any mix of aspen, birch, maple, pine, spruce, fir, cherry, hemlock, or cedar.
Regen:

Other Percent to Treat = 100%
Comment:

Proposed Start Date: 10/1 /2023

90	45173101-Monitor	35.4	629 - Mixed non-forested wetland	Nonstocked		Unspecified	Monitoring	Natural Regen (Intermediate)	6116 - Lowland Birch	Even-Aged	Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription regen survey.
Specs:

Next Step
Treatments:

Acceptable Any mix of aspen, birch, maple, pine, spruce, fir, cherry, hemlock, or cedar.
Regen:

Other Percent to Treat = 100%
Comment:

Proposed Start Date: 10/1 /2023

100	45173109-Monitor	4.8	42320 - Upland Spruce	Sapling Poor	15	1-50	Monitoring	Natural Regen (Intermediate)	4137 - Aspen, Birch	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription regen Survey.
Specs:

Next Step
Treatments:

Acceptable Any mix of aspen, birch, maple, pine, spruce, fir, cherry, hemlock, or cedar.
Regen:

Other Percent to Treat = 100%
Comment:

Proposed Start Date: 10/1 /2018

112	45173112-2-Cut	5.2	42340 - Upland Spruce/Fir	Poletimber Well	51	111-140	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Cut
Specs:

Next Step Monitoring, Natural Regen (Intermediate)
Treatments:

Acceptable any
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

Total Treatment Acreage Proposed: 159.7

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Matt Edison : Examiner

Compartment: 173

Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5F	3H
		With Condition	Not Available			
278	278	0	0	Aspen		
655	38	0	617	Cedar		617
67	67	0	0	Herbaceous Openland		
17	17	0	0	Low-Density Trees		
253	253	0	0	Lowland Conifers		
18	18	0	0	Lowland Mixed Forest		
187	187	0	0	Lowland Shrub		
86	86	0	0	Lowland Spruce/Fir		
5	5	0	0	Marsh		
3	3	0	0	Mixed Upland Deciduous		
60	60	0	0	Natural Mixed Pines		
25	25	0	0	Northern Hardwood		
2	2	0	0	Upland Conifers		
74	58	17	0	Upland Mixed Forest	17	
156	156	0	0	Upland Spruce/Fir		
41	41	0	0	Urban		
16	16	0	0	Water		
1,943	1,309	17	617	Total Forested Acres	17	617
	67%	1%	32%	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
3	Available	5F: Evaluated for Forest Health Considerations	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
Monitor for SBW							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Matt Edison : Examiner

Compartment: 173

Year of Entry: 2020

5	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	617	Unspecified	Unspecified	Unspecified	Unspecified
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Comments:

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
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.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.

S t a n d	Sault Ste. Marie Mgt. Unit		Report 7 – Forested Stands			Compartment: 173	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2020	
1	4134 - Aspen, Spruce/Fir	Poletimber Well	11.7	30	141-170		Drops into lower, wetter ground in the NW corner.
2	6120 - Lowland Cedar	Poletimber Well	7.0	109	111-140		Wet ground cedar stand. Somewhat patchy. Heavy balsam in places.
4	4134 - Aspen, Spruce/Fir	Poletimber Well	46.3	30	111-140		Cut in 1988. Nice mixed aspen stand with spruce. Some areas of low ground.
5	6120 - Lowland Cedar	Poletimber Well	5.2	110	141-170		Wet cedar.
9	6124 - Lowland Spruce- Fir	Poletimber Well	2.1	28	Immature		Cut in 1990. Small, dense, stand.
10	42340 - Upland Spruce/Fir	Poletimber Well	36.4	55	141-170		Dense stand of Spruce/Balsam mixed with some aspen in spots. Lots of exposed bedrock throughout. No indication of SBW on the interior. Harvest this entry with neighboring stands.
11	4134 - Aspen, Spruce/Fir	Poletimber Well	34.6	39	111-140		Good looking aspen. Smaller diameter,. Very rocky and crevaces everywhere. Check in 10 years.
13	6124 - Lowland Spruce- Fir	Poletimber Medium	6.6	42	81-110		Wet ground in areas. Pole sized, mixed species. More black spruce than adjacent stands. Hold for future considering adjacent harvests prescribed.
14	6120 - Lowland Cedar	Poletimber Well	203.5	99	111-140		Lowland cedar/spruce mix. Very wet in places.
15	42340 - Upland Spruce/Fir	Poletimber Well	28.2	55	141-170		Stand is good mix of spruce/fir, aspen. Decent size.
17	4134 - Aspen, Spruce/Fir	Sapling Poor	18.4	5	Immature		Stand cut in 2013.
19	4136 - Aspen, Mixed Conifer	Sapling Well	4.2	16	Immature		Cut in 2002.
21	6120 - Lowland Cedar	Sapling Poor	10.1	55	51-80		Wet depression stand of small, sparse, poor quality. Tag alder in wettest areas.
22	4134 - Aspen, Spruce/Fir	Sapling Well	9.2	4	Immature		Stand was cut on 2014.
23	42340 - Upland Spruce/Fir	Poletimber Medium	5.7	43	141-170		Still smaller diameter than adjacent stands harvested last entry. Leave for age class corridor between cuts from last entry.
24	6130 - Fir, Aspen, Maple	Sapling Medium	4.6	23	Immature		Cut in 1995. Small wet stand.
25	4130 - Aspen	Sapling Well	10.7	15	Immature		Cut in 2003.





	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
27	4130 - Aspen	Sapling Well	14.9	5	Immature	Cut in 2013.
28	4134 - Aspen, Spruce/Fir	Sapling Medium	8.2	5	Immature	Cut in 2013.
31	4319 - Mixed Upland Forest	Sapling Well	3.6	23	Immature	Cut in 1995. Wet and rocky ground.
35	4130 - Aspen	Sapling Well	17.4	16	Immature	Cut in 2002
36	4119 - Mixed Northern Hardwoods	Poletimber Well	5.4	69	51-80	Patchy stand of field trees. Mix of maple aspen. Poor quality multiple stems, etc. Unique stand to leave.
37	4134 - Aspen, Spruce/Fir	Sapling Medium	6.4	5	Immature	Cut in 2013.
38	4110 - Sugar Maple Association	Poletimber Well	11.7	66	81-110	Nice hardwoods thinned in 2000. Still lower end of basal area (about 90 BA average). Check this stand n 10 years.
39	4319 - Mixed Upland Forest	Poletimber Well	6.7	23	81-110	Cut in 1995. Wet, rocky ground.
40	6120 - Lowland Cedar	Poletimber Well	11.1	109	111-140	Cedar mix.
41	4134 - Aspen, Spruce/Fir	Sapling Well	7.8	18	Immature	Clear cut in 2000. 10-15' aspen regeneration with pockets of balsam residual.
42	4319 - Mixed Upland Forest	Poletimber Well	6.0	32	141-170	Decent aspen, birch. Not real big yet, check in 10 years.
43	4134 - Aspen, Spruce/Fir	Sapling Well	25.9	16	Immature	Aspen regeneration from cut in 2002.
45	4319 - Mixed Upland Forest	Poletimber Well	22.3	32	111-140	Stand was cut in 1986. Smaller diameters yet. Check in ten years.
46	4112 - Maple, Beech, Cherry Association	Sawtimber Well	4.1	75	81-110	Thinned in 2002. Still lower end of basal area. Check in ten years and treat with the other small hardwood stands to north.
49	4134 - Aspen, Spruce/Fir	Poletimber Well	15.0	32	141-170	Stand was cut in 1986. Lots of bed rock.
51	4130 - Aspen	Sapling Medium	22.5	6	Immature	Cut in 2012
53	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	2.8	41	81-110	Very poor quality stand of mixed aspen, red maple, birch, and balsam. Lots of boulders and crevasses. Leave as visual buffer along US-2 in future until harvesting to north, then consider a cut.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
54	6124 - Lowland Spruce- Fir	Poletimber Poor	5.2	61	1-50	Sparse, wet mixed stand. Small sized trees, not much of a site. Not much merchantability in most of the stand.
55	4319 - Mixed Upland Forest	Poletimber Well	12.6	61	111-140	Stand is mix of Aspen and Spruce/Fir. Left last entry for age diversity. Adjacent harvest is fully regenerated. Leave some larger Aspen as residuals. Consider lining out cedar clumps.
56	6120 - Lowland Cedar	Poletimber Well	37.6	78	141-170	Very wet in spots with small, dense cedar with mix of spruce and trace of tamarack.
59	6120 - Lowland Cedar	Poletimber Well	12.0	108	141-170	
60	6120 - Lowland Cedar	Poletimber Well	31.5	106	141-170	Thick stand of small cedar, spruce, and tamarack- wet ground.
63	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	26.5	50	111-140	Ridge and swale type ground with few narrow ridges. Wetland in between.
64	6120 - Lowland Cedar	Poletimber Well	54.7	122	141-170	Dense stand of cedar with some spruce mixed. Low ground.
65	4119 - Mixed Northern Hardwoods	Poletimber Well	3.5	69	51-80	Patchy stand of field trees. Mix of maple aspen. Poor quality multiple stems, etc. Unique stand to leave.
66	6120 - Lowland Cedar	Poletimber Well	124.1	99	111-140	Lowland cedar/spruce mix. Very wet in places.
68	4136 - Aspen, Mixed Conifer	Poletimber Well	16.2	28	Immature	Clear cut in 1990. Cedar is residual from cut.
69	4135 - Aspen, Cedar	Poletimber Well	7.1	33	141-170	Decent stand of Aspen mix. Still smaller DBH. Save for when larger harvest of surrounding.
70	6120 - Lowland Cedar	Poletimber Well	44.0	99	111-140	Lowland cedar/spruce mix. Very wet in places.
71	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	13.4	28	81-110	Lower density residual and regeneration from 1990 clearcut. Some residual cedar. Small pocket of slightly larger aspen. Check in future and harvest with surrounding stands.
72	6120 - Lowland Cedar	Poletimber Well	55.7	111	141-170	Stand of short cedar with mix of balsam/aspen in western parts. Stand is along US-2. Wet interior of stand.
73	6120 - Lowland Cedar	Poletimber Well	3.0	99	111-140	Lowland cedar/spruce mix. Very wet in places.
76	6120 - Lowland Cedar	Poletimber Well	2.0	99	111-140	Lowland cedar/spruce mix. Very wet in places.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
78	4319 - Mixed Upland Forest	Poletimber Medium	16.6	55	141-170	Sparse stand of p. birch residual. Leave as visual buffer along US-2.
82	4319 - Mixed Upland Forest	Sapling Well	6.6	18	Immature	Cut in 2000. Mixed regen.
83	6122 - Black Spruce	Poletimber Well	30.1	61	51-80	Lower ground than adjacent stand. Variable, size, quality, and density. Mostly black spruce poles with a few large W.P. widely scattered.
89	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	55.2	70	81-110	Very wet stand with mix of cedar and spruce. Small diameter trees.
93	6122 - Black Spruce	Poletimber Poor	22.5	53	1-50	Lower ground with some fingers of higher ground. Poor, sparse, small diameter growth in the wet areas.
94	42290 - Natural Mixed Pine	Sawtimber Medium	60.0	76	51-80	Stand is comprised of large white and red pine and smaller balsam/spruce/birch that are residual from harvest in 2003. Nice white pine regeneration in a lot of places. There is a small grass area in the center of the stand that has blueberries galore. Watch the white pine regeneration in the years to come.
96	42340 - Upland Spruce/Fir	Sapling Poor	41.2	15	1-50	Part of cut in 2018. Club Line Mix. Residual mix until regeneration comes in.
100	42320 - Upland Spruce	Sapling Poor	37.3	15	1-50	Stand was cut in 2018. Club line mix. Retention is awaiting regeneration to come in.
104	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	135.8	75	51-80	Very large stand encompassing area of ridge/swale. Very mixed bag throughout. Creek zig zags throughout. Very wet with tag alder, tamarack, cedar, etc. in the wetter swale areas and mostly spruce with some pine scattered on higher ridges. Smaller diameters overall. Operable areas were harvested last entry.
105	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	21.1	45	81-110	A little more spruce than in the adjacent stand, but much wetter ground.
106	6120 - Lowland Cedar	Poletimber Well	34.9	110	141-170	Very small dense cedar stand in very wet area.
107	6122 - Black Spruce	Poletimber Medium	33.0	38	1-50	Stand of small spruce/fir and cedar. Cut in 1980.
111	4134 - Aspen, Spruce/Fir	Poletimber Medium	1.7	45	81-110	Peninsula of mixed cover. Small diameter and fringes are wet along wetland.
112	42340 - Upland Spruce/Fir	Poletimber Well	5.2	51	111-140	More conifer than adjacent stand. Harvest this entry with
113	6120 - Lowland Cedar	Sapling Well	19.1	101	81-110	Very wet. Small, cedar, spruce, and tamarack. Not much to look at.

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Sault Ste. Marie Mgt. Unit

Report 7 – Forested Stands

Compartment: 173
Year of Entry: 2020



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
117	42340 - Upland Spruce/Fir	Poletimber Medium	1.8	40	111-140	Sparse area of nice looking mix. Small diameters as of yet. Check in 10 years.
118	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	1.9	35	81-110	Lowland area between pipelines. Small diameter mix.



Stand	Cover Type	Acres	Managed Site	General Comments:
3	629 - Mixed non-forested wetland	8.9	No	
6	629 - Mixed non-forested wetland	14.0	No	
7	310 - Herbaceous Openland	5.9	No	
8	310 - Herbaceous Openland	7.2	Yes	Pipeline ROW.
12	310 - Herbaceous Openland	1.5	No	Lots of exposed bedrock.
16	629 - Mixed non-forested wetland	3.0	No	Drops into lower, wetter ground in the NW corner.
18	122 - Road/Parking Lot	7.8	No	H-40
20	623 - Emergent Wetland	3.3	No	
26	623 - Emergent Wetland	1.4	No	
29	310 - Herbaceous Openland	4.3	Yes	Pipeline ROW
30	629 - Mixed non-forested wetland	2.8	No	
32	310 - Herbaceous Openland	7.7	Yes	Pipeline ROW
33	500 - Water	4.4	No	
34	310 - Herbaceous Openland	5.9	Yes	
44	310 - Herbaceous Openland	3.2	No	
47	330 - Low-Density Trees	14.9	No	
48	123 - Other High Intensity Urban	15.1	No	Railroad ROW
50	330 - Low-Density Trees	2.4	No	



Stand	Cover Type	Acres	Managed Site	General Comments:
52	310 - Herbaceous Openland	4.3	No	
57	629 - Mixed non-forested wetland	3.1	No	
58	122 - Road/Parking Lot	4.7	No	H-40.
61	629 - Mixed non-forested wetland	3.1	No	
62	6229 - Mixed lowland shrub	25.0	No	
67	122 - Road/Parking Lot	2.5	No	M-117
74	500 - Water	8.7	No	
75	629 - Mixed non-forested wetland	1.2	No	
79	629 - Mixed non-forested wetland	4.3	No	Data from previous inventory. C2- no comments.
81	500 - Water	2.8	No	
84	122 - Road/Parking Lot	8.5	No	U.S. 2 R.O.W.
86	629 - Mixed non-forested wetland	37.7	No	
90	629 - Mixed non-forested wetland	76.9	No	
91	310 - Herbaceous Openland	13.8	Yes	Pipeline ROW
92	310 - Herbaceous Openland	13.2	Yes	Pipeline ROW.
110	122 - Road/Parking Lot	2.1	Yes	U.S.2
116	629 - Mixed non-forested wetland	7.2	No	