



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52141

Entry Year 2019

Acreage: 1,218

County Cheboygan

Management Area: Emmet Moraines

Revision Date: 2017-04-25

Stand Examiner: Donald Stacks

Legal Description:

T36N R03W Sections 19, 20, 29 - 32.

Identified Planning Goals:

To provide for the protection, integrated management, and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan.

Soil and topography:

Mostly Roscommon muck, Tawas peat, and Au Gres sand on flat ground.

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

State ownership is fairly contiguous within the compartment boundary. Many homes are located to the east along Burt Lake.

Unique Natural Features:

Listed species include: Michigan monkey flower, woodland vole, aquatic snail, tapered vertigo, Douglas stenelmis riffle beetle, Bald eagle, Wet Scrubland, Wet Meadow, and Eastern pondmussel.

Archeological, Historical, and Cultural Features:

An archeological site exists in Section 29. No treatments are prescribed in Section 29.

Special Management Designations or Considerations:

A large Lowland Shrub Thicket ERA exists along the shore of Burt Lake. Much of the compartment acreage is located on poorly drained soil which limits timber harvesting opportunities.

Watershed and Fisheries Considerations:

This compartment includes portions of the lower Maple River, a designated trout stream with Type 4 trout stream regulations, and Burt Lake. The compartment contains a large area of lowland/wetland adjacent to the Maple River. Since the last compartment review, access has been restricted (with gates) to former the sand trap off Brutus Road. Restricting access to walk-in only, along with seeding, mulching, and plantings of the openings, has improved conditions at this site. Prescribed management activities are appropriate for the protection of this waterbody.

Wildlife Habitat Considerations:

This compartment contains deciduous floodplain where the Maple River empties into Burt Lake and natural processes have been allowed to take place here. Wildlife species that benefit include furbearing species like beaver and also waterfowl including wood duck. Most upland areas that are accessible have been harvested, meaning that management opportunities are limited. However, there is an opportunity to improve habitat for woodcock in stand 16 using non-commercial harvest of tag alder during dry or frozen conditions.

Mineral Resource and Development Concerns and/or Restrictions

This area has been leased for oil and gas exploration in the recent past as part of the Collingwood lease play. While the Collingwood has produced some hydrocarbons elsewhere, the formation has not proven to be an economically viable resource play to date. Interest in the formation has waned and all leases in the area have expired. Therefore, oil and gas potential within the compartment is considered low at this time. No active or apparent former sand/gravel pits are located within five miles of the compartment. Sand and gravel potential appears to be low within the compartment. Surface sediments appear to be dominated by clay with some sand and minimal gravel.

Vehicle Access:

Access into the compartment can be gained in Sections 19 and 20 via Brutus Rd., Indian Rd., and Penny Ln. Access is very limited south of Brutus Rd. due to lack of access roads on very poorly drained soils and the Maple River.

Survey Needs:

None anticipated at the present time.

Recreational Facilities and Opportunities:

Maple Bay State Forest Campground and Boat Launch Site is found within the compartment boundary.

Fire Protection:

Pellston DNR Field Office and Village of Pellston VFD is located about 7 miles to the north. Indian River DNR Field Office is located about 14 miles to the east.

Additional Compartment Information:

The following reports from the Inventory are attached:

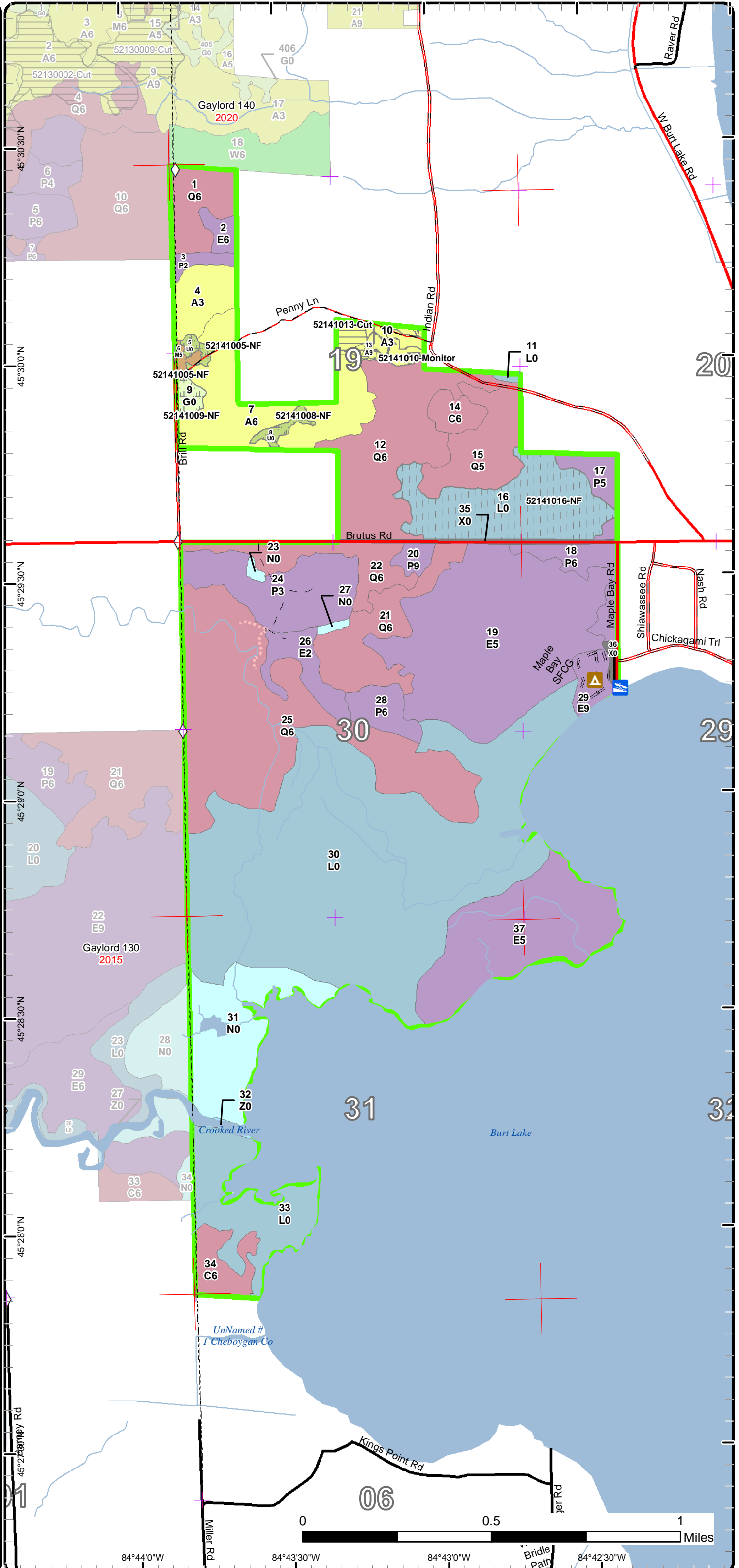
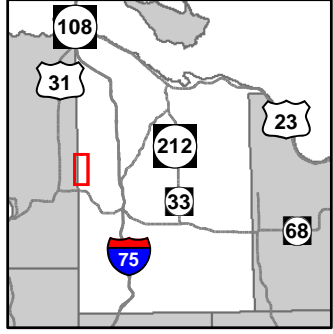
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

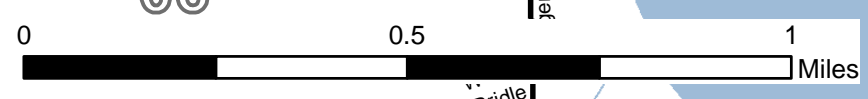
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 141
 T36N, R03W, Sec. 19, 20, 29-32
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Emmet Moraines
 YOE: 2019
 Acres: 1218.1 GIS Calculated
 Examiner: Donald Stacks
 Map Revised: 9/13/2017
 Map Phase: Post-Review



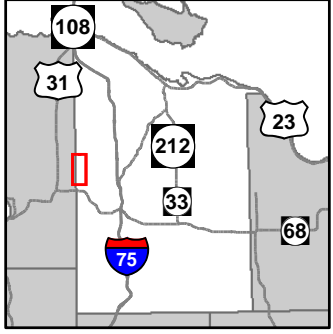
- Miris Corners
- Remonumented Section Corners
- Field Grade GPS Corners
- Counties
- Boating Access Site
- Campground
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- County Poor Dirt Roads
- Poor Dirt Roads
- Closed
- Streams
- Lakes and Rivers All
- Compartment Boundary
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Regeneration Survey
- Opening Maintenance
- 411 - Northern Hardwood
- 413 - Aspen
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes



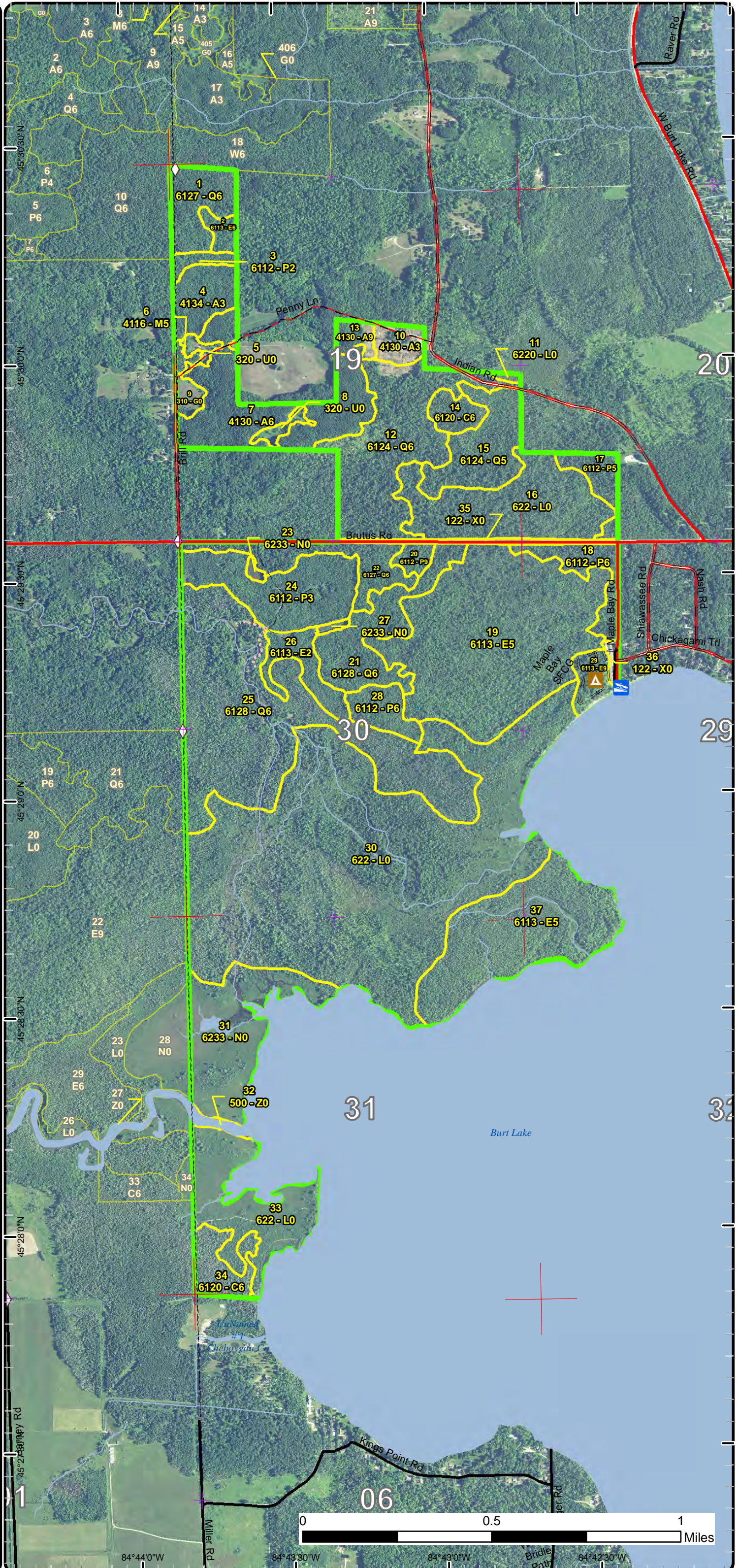
84°44'0"W 84°43'30"W 84°43'0"W 84°42'30"W
 Kings Point Rd Miller Rd Bridle Path per Rd

Stand Boundary Map

Compartment: 141
 T36N, R03W, Sec. 19, 20, 29-32
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Emmet Moraines
 YOE: 2019
 Acres: 1218.1 GIS Calculated
 Examiner: Donald Stacks
 Map Revised: 9/13/2017
 Map Phase: Post-Review

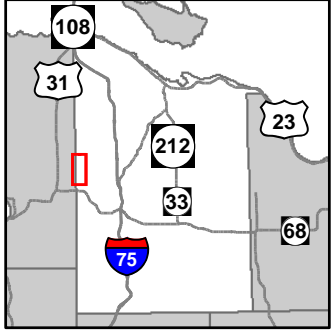


- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- Counties
- ▭ Boating Access Site
- ▴ Campground
- County Paved Roads
- Paved Roads
- - - County Gravel Roads
- - - Gravel Roads
- - - County Poor Dirt Roads
- - - Poor Dirt Roads
- - - Closed
- Streams
- ▭ Lakes and Rivers All
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

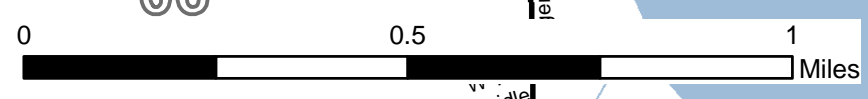
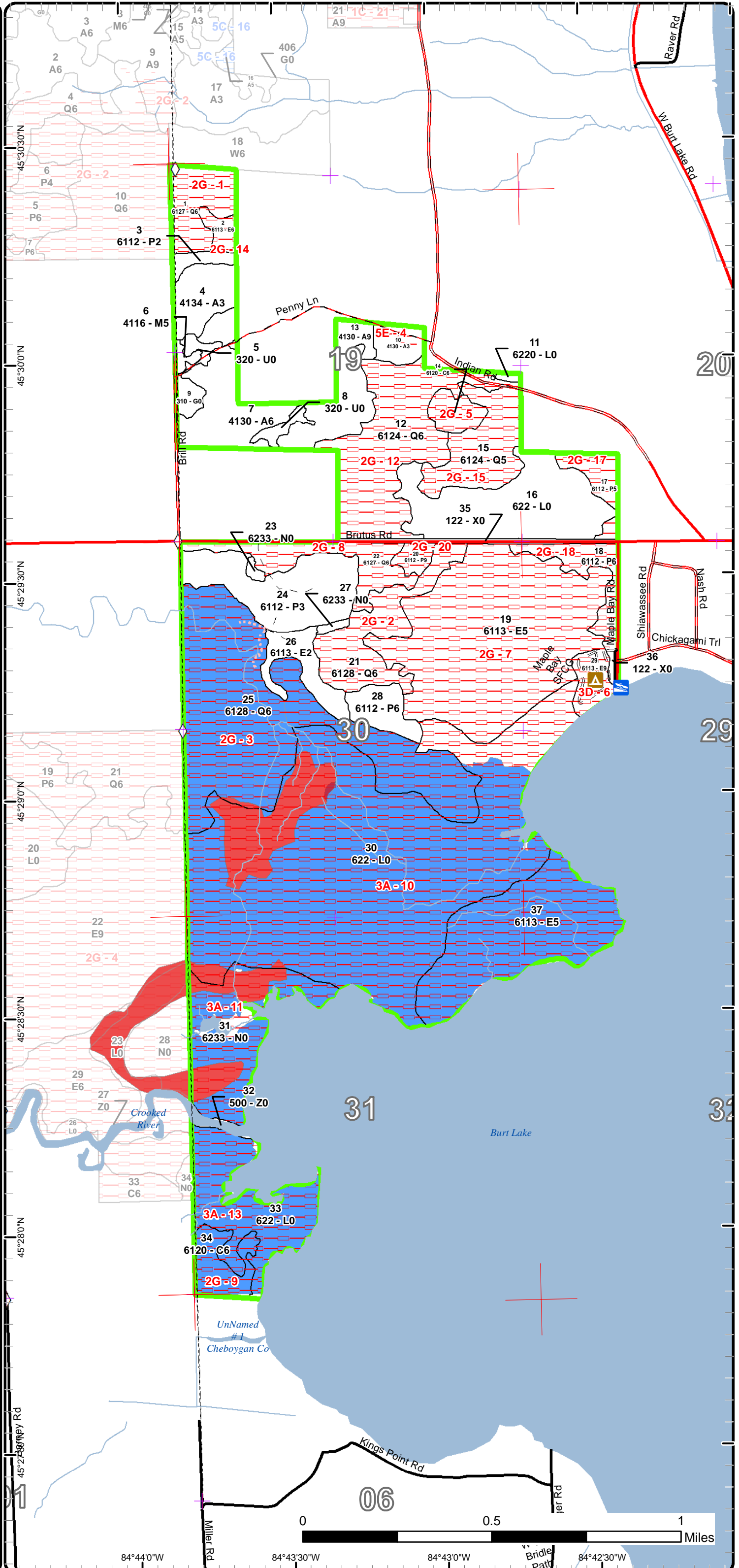


Special Conservation Areas & Site Conditions Map

Compartment: 141
 T36N, R03W, Sec. 19, 20, 29-32
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Emmet Moraines
 YOE: 2019
 Acres: 1218.1 GIS Calculated
 Examiner: Donald Stacks
 Map Revised: 9/13/2017
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- - - Counties
- Boating Access Site
- Campground
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- County Poor Dirt Roads
- Poor Dirt Roads
- Closed
- Streams
- Lakes and Rivers All
- Compartment Boundary
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3D: Recreational / Scenic values
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- Riparian Area



84°44'0"W 84°43'30"W 84°43'0"W 84°42'30"W

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	8	0	0	70	0	0	0	6	0	0	0	0	0	0	0	0	0	84
Cedar	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	22
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Aspen/Balsam Poplar	0	0	0	42	4	12	25	0	4	0	0	0	0	0	0	0	0	0	86
Lowland Conifers	0	0	0	0	0	0	0	0	56	0	95	131	0	0	0	0	0	20	302
Lowland Deciduous	0	0	0	14	0	0	0	0	5	0	218	0	0	0	0	0	0	0	236
Lowland Shrub	408	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	408
Marsh	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Upland Shrub	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	485	8	0	56	74	12	25	0	71	23	315	131	0	0	0	0	0	20	1216



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2019

Acres of Harvest

Compartment 141

Total Compartment Acres: 1,218

Commercial Harvest - 5
 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
Aspen		5	0	0	0	0	0	0	0	0	5
	Total	5	0	0	0	0	0	0	0	0	5

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		5	0	0	0	0	8	0	66		78
Next Step		0	0	0	0	0	60	0	0		60
	Total	5	0	0	0	0	68	0	66		139



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
5	52141005-NF	3.2	320 - Upland Shrub	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	320 - Upland Shrub		Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast. Pruning of soft mast shrubs.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2018

8	52141008-NF	3.3	320 - Upland Shrub	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	320 - Upland Shrub		Draft Field Boundary
---	-------------	-----	--------------------	------------	--	-----------------	--------------	-----------------	-----------------------	--	-------------------------

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast. Pruning of soft mast shrubs.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2018

9	52141009-NF	4.1	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
---	-------------	-----	------------------------------	------------	--	-----------------	--------------	-----------------	---------------------------------	--	-------------------------

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast. Pruning of soft mast shrubs.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2018

10	52141010- Monitor	7.5	4130 - Aspen	Sapling Well	1	Immatur re	Monitoring	Natural Regen (Intermediate)	4130 - Aspen	Even-Aged	Draft Field Boundary
----	----------------------	-----	--------------	-----------------	---	---------------	------------	---------------------------------	--------------	-----------	-------------------------

Habitat Cut: No

Site Condition:

Prescription
Specs:

Next Step
Treatments:

Acceptable A fully stocked stand of mixed aspen/northern hardwood is acceptable regen.
Regen:

Other Percent to Treat = 100%
Comment:

Proposed Start Date: 10/01/2021



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
13	52141013-Cut	4.6	4130 - Aspen	Sawtimber Well	74	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Field Boundary - Ready for VMS

Habitat Cut: No**Site Condition:**

Prescription Clearcut 2" and up. Retain hemlock, Oak, WP, and Cherry (incidental).

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Well stocked aspen.

Regen:

Other Stand was prescribed in 2009 YOE, part of the sale was cut, this treatment represents the uncut portion of the sale. It was approved through the
Comment: Compartment review in 2007 and is presently prescribed as part of the Red Phelps Aspen sale (52-106-17).

Proposed Start Date: 10/01/2007

16	52141016-NF	55.6	622 - Lowland Shrub Nonstocked	Unspec ified		NonForestMgt	Brush Cutting	6220 - Alder/willow			Draft Field Boundary
----	-------------	------	--------------------------------	-----------------	--	--------------	---------------	------------------------	--	--	-------------------------

Habitat Cut: No**Site Condition:**

Prescription Non-commercial harvest. Harvest strips of tag alder, roughly 1 - 2 chains wide, by variable distances in length. Also, fell any of the sparse,
Specs: scattered quaking aspen or balsam poplar trees, that are located within cut strips of tag alder, and leave on site.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable New growth of tag alder from the stumps of previously harvested stems.

Regen:

Other Standing water and winter weather conditions will determine if/when harvesting will occur. Local RGS chapter will provide equipment and labor.
Comment: Tag alder regeneration will provide excellent woodcock habitat.

Proposed Start Date: 10/01/2018

**Total Treatment
Acreage Proposed: 78.3**

Report 4 – Site Conditions

Gaylord Mgt. Unit
Donald Stacks : Examiner

Compartment: 141
Year of Entry: 2019

Availability for Management

Total Acres	Acres Available	Acres Avail With Condition		Acres Not Available	Dominant Site Conditions	Dominant Site Conditions			
						2G	3A	3D	5E
83	82	0	2		Aspen				2
23	0	0	23		Cedar	23			
4	4	0	0		Herbaceous Openland				
86	58	0	29		Lowland Aspen/Balsam Poplar	29			
302	0	0	302		Lowland Conifers	262	41		
237	14	0	223		Lowland Deciduous	136	77	9	
408	57	0	352		Lowland Shrub	27	325		
55	2	0	53		Marsh		53		
2	2	0	0		Northern Hardwood				
7	7	0	0		Upland Shrub				
8	6	0	2		Urban	2			
3	3	0	0		Water				
1,218	234		984		Total Forested Acres	478	495	9	2
	19%		81%		Relative Percent				

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: Considered for SBW Salvage but declined due to soil conditions.							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	33	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: Evaluated for SBW harvest but declined due to soil saturation,							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Donald Stacks : Examiner

Compartment: 141
Year of Entry: 2019

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	91	5F: Evaluated for Forest Health Considerations	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3J: Water quality / BMPs (stream, river, or lake)	3A: Conservation Values incompatible with harvest at this time
Comments: Evaluated for SBW harvest but declined due to soil saturation,							
4	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: LTR for stand 10.							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3D: Recreational / Scenic values	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	158	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Donald Stacks : Examiner

Compartment: 141
Year of Entry: 2019

9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3A: Conservation Values incompatible with harvest at this time	395	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3A: Conservation Values incompatible with harvest at this time	53	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	65	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3A: Conservation Values incompatible with harvest at this time	48	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Donald Stacks : Examiner

Compartment: 141
Year of Entry: 2019

14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6127 - Lowland Pine	Poletimber Well	20.3	83	81-110	STAND CONSISTS OF MOSTLY WHITE PINE POLETIMBER AND SCATTERED WHITE PINE SAWTIMBER ON POORLY DRAINED SOIL. SCATTERED, OVERMATURE ASPEN SAWTIMBER PRESENT AND FALLING OUT OF STAND. RED MAPLE, BALSAM FIR, HEMLOCK, AND CEDAR IN LESSER AMOUNTS ALSO PRESENT. LET WHITE PINE POLETIMBER CONTINUE TO GROW. WET SOIL WOULD RESULT IN EXCESSIVE RUTTING IF HARVEST ACTIVITY TOOK PLACE. PRESENT BA IS ABOUT 110 SQ. FT. 1/14/2016. Too wet to harvest for SBW salvage.
2	6113 - Lowland Maple	Poletimber Well	4.8	74	81-110	SWAMP HARDWOOD WITH SCATTERED OVERMATURE ASPEN ON VERY WET SOIL. TOO WET TO HARVEST. PRESENT BA IS ABOUT 110 SQ. FT.
3	6112 - Lowland Aspen	Sapling Medium	4.2	36	1-50	LESSER QUALITY ASPEN REGEN, MOSTLY SAPS, ON WET SOIL FROM 1981 HARVEST. SCATTERED RED MAPLE REGEN PRESENT ALSO. CURRENT BA IS ABOUT 20 SQ. FT. HARVEST THIS STAND WITH STAND 4 IN 20 - 30 YEARS TO MAINTAIN ASPEN MO.
4	4134 - Aspen, Spruce/Fir	Sapling Well	16.4	36	1-50	FAIRLY DENSE ASPEN REGEN, IN TRANSITION FROM SAPS TO POLETIMBER, FROM 1981 FINAL HARVEST. HIGHER, DRYER GROUND THAN STAND 3, LOCATED TO NORTH. PRESENT BA IS ABOUT 50 SQ. FT. HARVEST WITH STAND 3 IN 20 - 30 YEARS TO MAINTAIN ASPEN MO.
6	4116 - Mixed N. Hardwood - Aspen	Poletimber Medium	2.0	90	51-80	SMALL, SPARSE STAND OF NORTHERN HARDWOOD/ASPEN WITH A FEW SCATTERED SPRUCE PRESENT LOCATED ADJACENT TO PRIVATE PROPERTY. HEAVY HARDWOOD REGEN IN UNDERSTORY. PRESENT BA IS ABOUT 70 SQ. FT. ACREAGE IS OBVIOUSLY TOO SMALL TO HARVEST THIS STAND ALONE. INCLUDE THIS STAND WHEN ADJACENT STAND 7 IS HARVESTED IN 20 YEARS.
7	4130 - Aspen	Poletimber Well	53.1	36	81-110	NICE, DENSE ASPEN POLETIMBER/SAPS FROM 1981 FINAL HARVEST. ADJACENT TO PRIVATE PROPERTY ON THREE SIDES. MANAGE FOR ASPEN. FINAL HARVEST IN 20 YEARS. PRESENT BA IS ABOUT 110 SQ. FT. BETTER GROWTH RATES THAN STANDS 3 AND 4 TO THE NORTH.
10	4130 - Aspen	Sapling Well	8.2	1	Immature	Stand was harvested in 2016, as part of Forget-Me-Not-Aspen, 521041101. Stand is regenerating well. This stand was created from the east half of the sale, west half has not been cut yet. A long-term retention island consisting of a mix of aspen, maple, and paper birch exists within Stand 10.
12	6124 - Lowland Spruce-Fir	Poletimber Well	64.8	90	111-140	VERY WET STAND OF SWAMP CONIFERS WITH AN OVERMATURE ASPEN COMPONENT THAT'S FALLING OUT OF THE STAND. TOO WET TO HARVEST. FAIRLY GOOD THERMAL COVER FOR WINTERING DEER.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
13	4130 - Aspen	Sawtimber Well	5.5	74	81-110	NICE QUALITY STAND OF MIXED ASPEN WITH A LESSER COMPONENT OF NORTHERN HARDWOOD. VARIABLE ASPEN DIAMETERS PRESENT. STAND WAS PRESCRIBED AND PREPPED FOR HARVEST LAST YOY (FORGET ME NOT ASPEN, 52-104-11-01). THE EAST HALF OF SALE (STAND 10) WAS CUT IN 2016, BUT THE WEST HALF (STAND 13) WAS CANCELLED BY THE PRODUCER. THIS PORTION IS NOW PRESCRIBED FOR HARVEST AS PART OF THE RED PHELPS ASPEN SALE (52-106-17-01).
14	6120 - Lowland Cedar	Poletimber Well	8.1	89	171-200	HEALTHY CEDAR STAND WITH VERY LITTLE WINDTHROW PRESENT. SURROUNDED BY LESSER STOCKED Q-TYPE. PROVIDES FAIRLY GOOD THERMAL COVER FOR WINTERING DEER.
15	6124 - Lowland Spruce-Fir	Poletimber Medium	29.9	90	1-50	SPARSE Q-STAND, LOTS OF DEAD/DOWN PRESENT. VERY WET GROUND. AREAS OF DENSE L/E REGEN. TOO WET TO HARVEST.
17	6112 - Lowland Aspen	Poletimber Medium	10.0	58	51-80	MIX OF ASPEN, BALSAM FIR, AND SWAMP HARDWOOD ON VERY WET SOIL ADJACENT TO BRUTUS RD. AND PRIVATE PROPERTY TO THE EAST. TOO WET TO HARVEST. BA APPROXIMATELY 60 SQ. FT.
18	6112 - Lowland Aspen	Poletimber Well	14.5	58	51-80	MIX OF QUAKING ASPEN, RED MAPLE, AND BALSAM FIR ON WET, POORLY DRAINED SOIL. BA IS ABOUT 70 SQ. FT. ADJACENT TO MAPLE BAY STATE FOREST CAMPGROUND TO SOUTH AND MODERATELY USED COUNTY ROADS TO THE NORTH AND EAST. TOO WET TO HARVEST.
19	6113 - Lowland Maple	Poletimber Medium	131.4	90	1-50	SWAMP HARDWOOD, MOSTLY RED MAPLE, LOCATED ON VERY WET SOIL. SCATTERED, OVERMATURE QUAKING ASPEN PRESENT, BUT FALLING OUT OF THE STAND. SCATTERED BALSAM FIR, CEDAR, PAPER BIRCH, AND BLACK SPRUCE ALSO. MOST OF THE BLACK ASH POLETIMBER IS DEAD. PRESENT BA IS ABOUT 50 SQ. FT. TOO WET TO CUT.
20	6112 - Lowland Aspen	Sawtimber Well	4.4	72	1-50	SMALL STAND OF OVERMATURE Q. ASPEN WITH AN UNDERSTORY OF SWAMP HARDWOOD AND TAG ALDER ON WET, POORLY DRAINED SOIL. ADJACENT TO BRUTUS RD. BA IS ABOUT 50 SQ. FT. TOO WET TO HARVEST.
21	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	33.3	72	51-80	MIXED STAND OF MOSTLY BALSAM FIR, QUAKING ASPEN, RED MAPLE, AND WHITE PINE, WITH LESSER AMOUNTS OF SCATTERED BLACK SPRUCE, CEDAR AND PAPER BIRCH. LOCATED ON POORLY DRAINED SOIL. BA IS ABOUT 70 SQ. FT. TOO WET TO HARVEST. 1/15/2016. The stand is too wet to prescribe for SBW salvage.
22	6127 - Lowland Pine	Poletimber Well	22.7	72	81-110	STAND CONSISTS OF VARIOUS AGES AND DIAMETERS OF WHITE PINE ON POORLY DRAINED SOIL. LESSER AMOUNT OF QUAKING ASPEN BUT NOT DENSE ENOUGH TO MANAGE. TOO WET TO HARVEST.

S
t
a
n
d

Gaylord Mgt. Unit

Report 7 – Forested Stands

Compartment: 141

Year of Entry: 2019



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
24	6112 - Lowland Aspen	Sapling Well	41.5	24	Immature	FAIRLY DENSE ASPEN REGEN FROM 1993 FINAL HARVEST. AREAS OF POORLY DRAINED SOIL THROUGHOUT THE STAND, WITH A FEW AREAS OF HIGHER GROUND. SCATTERED BALSAM FIR, WHITE PINE, RED MAPLE, AND PAPER BIRCH PRESENT. POSSIBLE FINAL HARVEST IN 30 YEARS.
25	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	131.2	108	81-110	SWAMP CONIFERS, MOSTLY CEDAR, ON VERY WET SOIL, ADJACENT TO MAPLE RIVER. NOW CONSIDERED PART OF A LARGER WETLAND COMPLEX SCA. MANAGE FOR WETLAND VALUES. 1/15/2016. Not suitable for SBW salvage because of reasons listed above. TWO SPOIL AREAS RECEIVED PLANTING OF 200 WHITE SPRUCE SEEDLINGS IN 2014 SPONSORED BY FISH DIVISION AND LOCAL TU CHAPTER. POOR SURVIVAL IN NORTH UNIT. GOOD SURVIVAL IN SOUTH PLANTING UNIT. THESE AREAS ALSO RECEIVED A MIX OF SEED, WITH MARGINAL SUCCESS. TO TRY TO ESTABLISH GROUND VEGETATION ON THE BARE SAND. THESE TWO SPOILS AREAS WERE BLOCKED OFF TO VEHICLE TRAFFIC ABOUT TEN YEARS AGO. PREVIOUS CAMPING ACTIVITY RESULTED IN TRASH DUMPING AND INCREASED STREAMBANK EROSION. NO CAMPING IS ALLOWED ON THESE LOCATIONS BY POLICY. "NO CAMPING" SIGNS ARE ALSO POSTED. MAPLE BAY STATE FOREST CAMPGROUND IS LESS THAN ONE MILE AWAY.
26	6113 - Lowland Maple	Sapling Medium	14.3	24	Immature	LESSER STOCKED RED MAPLE/QA REGEN FROM 1993 FINAL HARVEST ON VERY WET SITE. POSSIBLE FINAL HARVEST, DURING WINTER MONTHS, IN ABOUT 30 YEARS WITH STAND 24 TO THE NORTH.
28	6112 - Lowland Aspen	Poletimber Well	11.9	45	1-50	LESSER STOCKED ASPEN POLETIMBER/SAPS ON VERY WET SOIL. HARVEST WITH STANDS 24 AND 26.
29	6113 - Lowland Maple	Sawtimber Well	9.3	90	51-80	MAPLE BAY STATE FOREST CAMPGROUND AND PUBLIC ACCESS SITE.
34	6120 - Lowland Cedar	Poletimber Well	14.4	89	141-170	SMALL, DENSE CEDAR STAND ADJACENT TO BURT LAKE. BA IS ABOUT 150 SQ. FT. STAND IS NOW CONSIDERED PART OF A LARGER WETLAND COMPLEX SCA. MANAGE FOR WETLAND VALUES.
37	6113 - Lowland Maple	Poletimber Medium	77.1	90	1-50	SWAMP HARDWOOD, MOSTLY RED MAPLE, LOCATED ON VERY WET SOIL. SCATTERED, OVERMATURE QUAKING ASPEN PRESENT, BUT FALLING OUT OF THE STAND. SCATTERED BALSAM FIR, CEDAR, PAPER BIRCH, AND BLACK SPRUCE ALSO. MOST OF THE BLACK ASH POLETIMBER IS DEAD. PRESENT BA IS ABOUT 50 SQ. FT. TOO WET TO CUT.



Stand	Cover Type	Acres	Managed Site	General Comments:
5	320 - Upland Shrub	3.2	No	SPARSE UPLAND BRUSH AND ENCROACHING HARDWOOD/ASPEN SAPS.
8	320 - Upland Shrub	3.3	No	SPARSE UPLAND BRUSH WITH ENCROACHING HARDWOOD AND ASPEN SAPPLINGS.
9	310 - Herbaceous Openland	4.1	No	GRASS OPENING ADJACENT TO COUNTY ROAD AND PRIVATE RESIDENCE.
11	6220 - Alder/willow	0.9	No	TAG ALDER IN STANDING WATER, JUST A FEW YARDS FROM INDIAN RD.
16	622 - Lowland Shrub	55.6	No	Very wet lowland brush stand, mostly tag alder, adjacent to Brutus Rd. Scattered poor quality quaking aspen and swamp hardwood also present.
23	6233 - Wet Meadow	1.2	No	SMALL SEASONAL POND.
27	6233 - Wet Meadow	1.2	No	SMALL, SEASONAL POND WITH SPARSE GROWTH OF TAG ALDER.
30	622 - Lowland Shrub	303.5	No	VERY WET LOWLAND BRUSH, MOSTLY TAG ALDER AND RED OSIER DOGWOOD, ALONG DRAINAGES FROM MAPLE RIVER. ADJACENT TO BURT LAKE. SCATTERED RED MAPLE, NORTHERN WHITE CEDAR, BALSAM FIR, WHITE PINE, AND PAPER BIRCH. PHRAGMITES ALSO PRESENT. APPROVED POTENTIAL OLD GROWTH FROM LAST Y.O.E. STAND IS PART OF A LARGER WETLAND COMPLEX ERA. MANAGE FOR WETLAND VALUES.
31	6233 - Wet Meadow	52.6	No	MARSH ADJACENT TO BURT LAKE AND CROOKED RIVER. PRESENCE OF INVASIVE PLANT SPECIES (PHRAGMITES) REPORTED BY WILDLIFE DIVISION, MAY REQUIRE SOME FORM OF TREATMENT. STAND CONSIDERED PART OF A LARGER WETLAND COMPLEX SCA. MANAGE FOR WETLAND VALUES.
32	500 - Water	3.1	No	CROOKED RIVER.
33	622 - Lowland Shrub	48.0	No	LOWLAND BRUSH ADJACENT TO BURT LAKE AND CROOKED RIVER. MOSTLY TAG ALDER. STAND IS NOW CONSIDERED AS PART OF A LARGER WETLAND COMPLEX SCA. MANAGE FOR WETLAND VALUES.
35	122 - Road/Parking Lot	5.6	No	BRUTUS RD.
36	122 - Road/Parking Lot	2.2	No	PAVED PARKING LOT FOR MAPLE BAY STATE FOREST CAMPGROUND AND PUBLIC ACCESS SITE.