



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 172

Entry Year 2016

Acreage: 1,904

County Cheboygan

Management Area: Cheboygan Lake Plain

Revision Date: 02/27/2014

Stand Examiner: Shannon Harig

Legal Description:

T34N R02W Sec. 34,35,36

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:

Soils in this compartment are generally Rubicon-East Lake Association. Topography varies from Level to slightly rolling.

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

This compartment is all contiguous state ownership as is a lot of the land surrounding this compartment. The PRC abutts this compartment to the east. Limited residential development in the area.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

The Pigeon River, a designated trout stream and state-designated natural river, flows through the southeast corner of this compartment. For future planning, early successional species should be discouraged near the river to minimize beaver activity. Proposed management activities for this compartment are appropriate for the protection of this waterbody.

Wildlife Habitat Considerations:

Treatments in this compartment will maintain age class diversity in aspen while creating early successional habitat benefiting deer, grouse, and woodcock. Oak will be left in these treatments to provide hardmast. Openings are prescribed to be maintained in this compartment benefiting deer, turkey, grouse, and woodcock.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of ice-contact outwash sand and gravel and coarse-textured glacial till. The glacial drift thickness varies between 50 and 400 feet. The Devonian Antrim Shale and Traverse Group subcrop below the glacial drift. The Traverse and Antrim are used for stone and cement products. Gravel pits are located four miles to the south, but this area should have good potential. The nearest oil and gas production, the Antrim Shale gas play, is located 12 miles to the south. The Antrim Shale is thin to missing in this area. This area is leased for potential Collingwood Formation development.

Vehicle Access:

There is good access to all of this compartment.

Survey Needs:

None

Recreational Facilities and Opportunities:

There are no developed recreational facilities in this compartment though it is used a lot for hunting.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

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

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

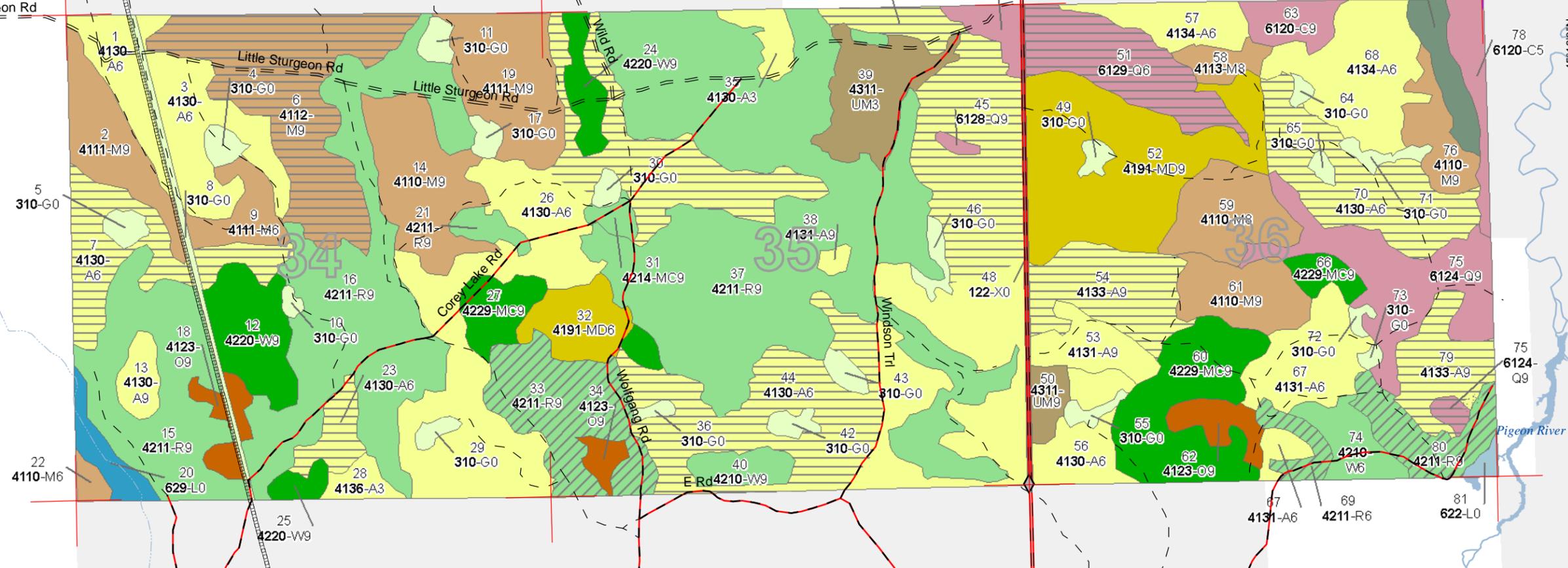
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatment Map

Compartment: 172
 T34N R02W Section 34-36
 County: Cheboygan
 Unit: Gaylord
 YOE: 2016
 Acres: 1,904 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 05/13/2014
 Map Phase: Pre-Review

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

34 35 36



Legend

<ul style="list-style-type: none"> — Miris Corners ⊕ Remonumented Section Corners ◇ Unclassified Corners — Highway — County Paved Roads — Paved Roads — County Gravel Roads — Gravel Roads — Poor Dirt Roads — County Poor Dirt Roads — Trail (Non-Recreation) 	<ul style="list-style-type: none"> — Pipeline — Powerline — Stream — Intermittent Stream — Lakes and Rivers — State Forest Land <p>Treatments</p> <ul style="list-style-type: none"> — Clearcut (w/Reserves, Patch/Strip) — Thinning (Crown, Low, Systematic) — Mowing 	<p>Forest Stands</p> <p>Level 3</p> <ul style="list-style-type: none"> 411 - Northern Hardwood 412 - Oak Types 413 - Aspen Types 419 - Mixed Upland Deciduous 421 - Planted Pines 422 - Natural Pines 423 - Other Upland Conifers 431 - Upland Mixed Forest 612 - Lowland Coniferous Forest 	<p>Non-Forest Stands</p> <p>Level 3</p> <ul style="list-style-type: none"> 122 - Road/Parking Lot 310 - Herbaceous Openland 622 - Lowland Shrub 629 - Mixed non-forested wetland
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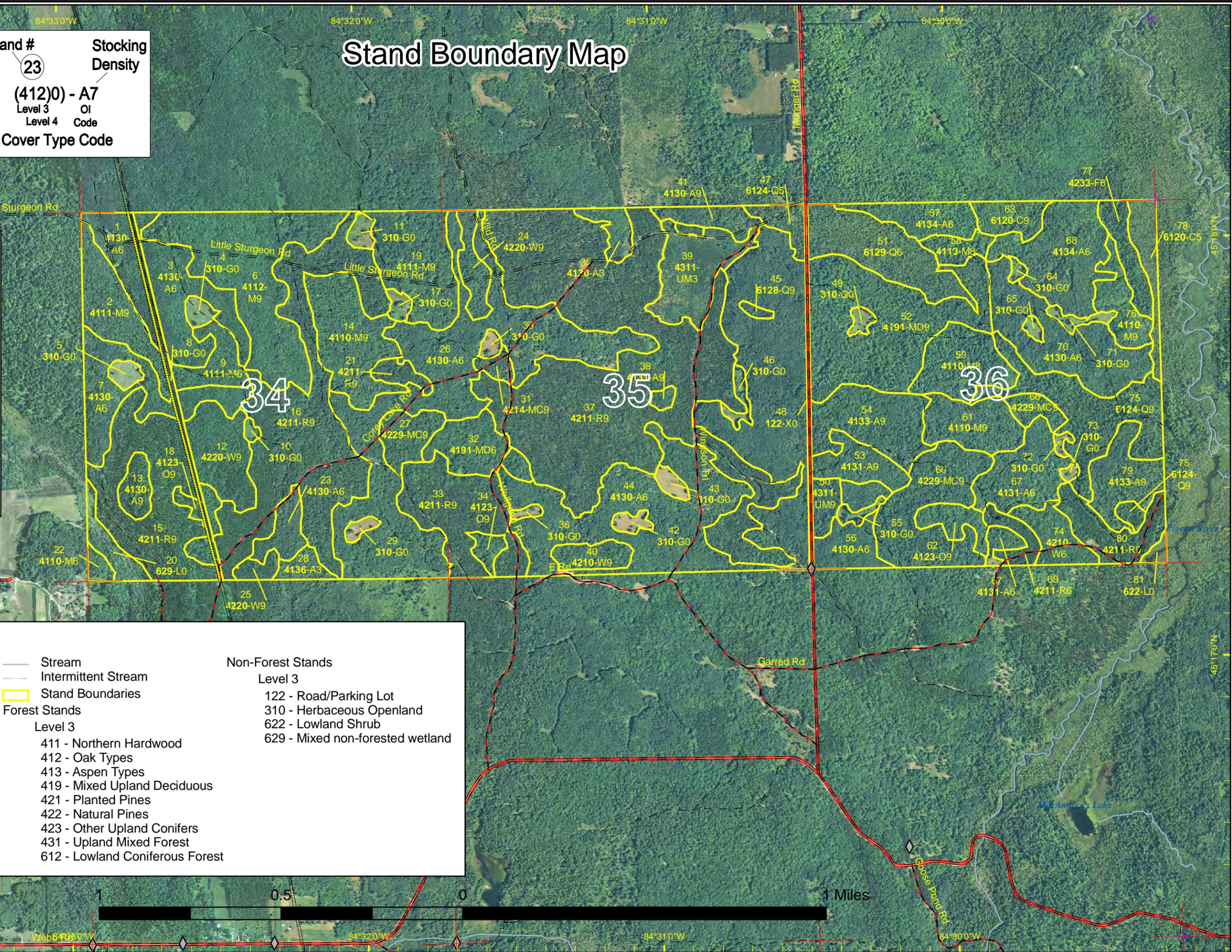


84°34'0"W 84°33'0"W 84°32'0"W 84°31'0"W 84°30'0"W

Compartment: 172
 T34N R02W Section 34-36
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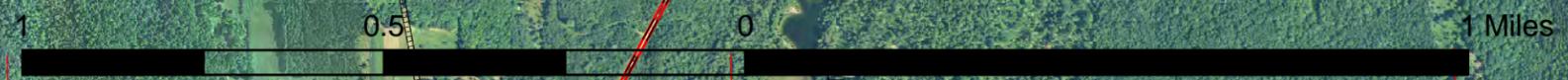
Stand # **23** Stocking Density
(412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Stand Boundary Map



Legend

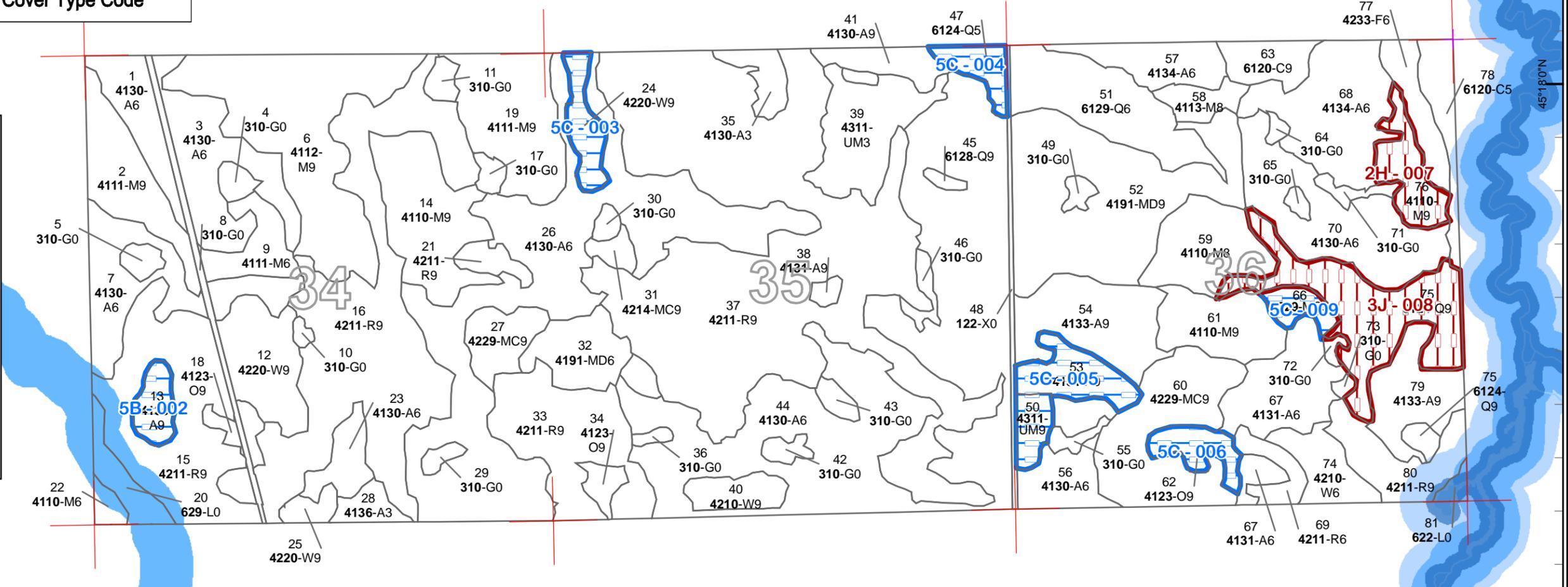
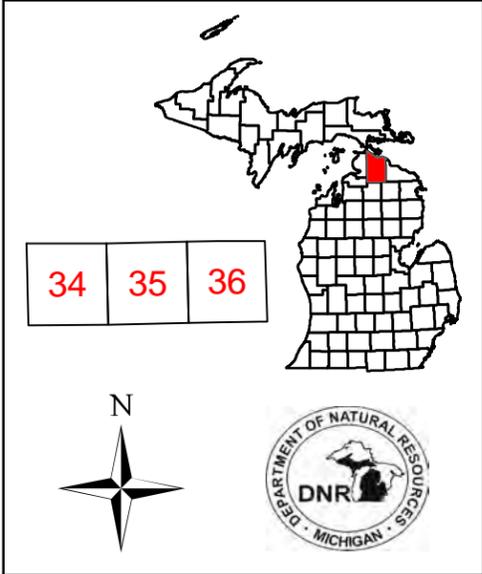
—+— Miris Corners	— Stream	Non-Forest Stands
—+— Remonumented Section Corners	— Intermittent Stream	Level 3
◇ Unclassified Corners	▭ Stand Boundaries	122 - Road/Parking Lot
— Highway	Forest Stands	310 - Herbaceous Openland
— County Paved Roads	Level 3	622 - Lowland Shrub
— Paved Roads	411 - Northern Hardwood	629 - Mixed non-forested wetland
— County Gravel Roads	412 - Oak Types	
— Gravel Roads	413 - Aspen Types	
— Poor Dirt Roads	419 - Mixed Upland Deciduous	
— County Poor Dirt Roads	421 - Planted Pines	
— Trail (Non-Recreation)	422 - Natural Pines	
— Pipeline	423 - Other Upland Conifers	
— Powerline	431 - Upland Mixed Forest	
	612 - Lowland Coniferous Forest	



Special Conservation Areas & Site Conditions Map

Compartment: 172
 T34N R02W Section 34-36
 County: Cheboygan
 Unit: Gaylord
 YOE: 2016
 Acres: 1,904 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 05/13/2014
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Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code



Legend

- Miris Corners
- Remonumented Section Corners
- Stand Boundaries
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Site Condition Type
- Available Factors W/ Constraints
 - 5B: Retention for regeneration purposes
 - 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors
 - 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
 - 3J: Water quality / BMPs (stream, river, or lake)

Dedicated Special Conservation Areas

- Cold Water Streams
- Cold Water Lakes
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Non-Dedicated Natural Areas and National Natural Landmarks
- High Priority Trout Stream Buffer



84°34'0"W 84°33'0"W 84°32'0"W 84°31'0"W 84°30'0"W 45°17'0"N

Report 1 – Total Acres by Cover Type and Age Class



	Age Class														Total
	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +	Uneven Age	
Aspen	0	6	65	238	269	0	43	0	33	15	0	0	0	0	669
Cedar	0	0	0	0	0	0	0	0	0	0	12	0	11	0	23
Herbaceous Openland	54	0	0	0	0	0	0	0	0	0	0	0	0	0	54
Lowland Conifers	0	0	0	0	0	0	0	0	48	0	9	0	36	0	93
Lowland Shrub	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Mixed Upland Deciduous	0	0	0	0	0	18	0	0	0	79	0	0	0	0	97
Natural Mixed Pines	0	0	0	0	0	0	0	0	44	0	16	0	7	0	67
Northern Hardwood	0	0	0	0	0	0	22	91	0	148	0	0	0	0	261
Oak	0	0	0	0	0	0	8	0	0	14	0	0	0	0	22
Planted Mixed Pines	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
Red Pine	0	0	0	0	0	485	0	0	0	0	0	0	0	0	485
Upland Mixed Forest	0	29	0	0	0	0	0	0	7	0	0	0	0	0	36
Upland Spruce/Fir	0	0	0	0	12	0	0	0	0	0	0	0	0	0	12
Urban	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
White Pine	0	0	0	0	0	23	4	0	0	25	10	0	0	0	63
Total	71	35	65	238	281	530	77	91	131	281	48	0	54	0	1904



Report 2 – Proposed Treatment Summaries

Gaylord Mgt. Unit
Year of Entry 2016

Compartment 172
Total Compartment Acres: 1,904

Acres by Treatment Type

Commercial Harvest - 512 Tree Planting - 73 Other - 0
 Habitat Cut - 0 Opening Maintenance - 44

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen Types	328	0	0	0	0	0	0	328
Lowland Coniferous Forest	39	0	0	0	0	0	0	39
Northern Hardwood	73	0	0	0	0	0	0	73
Planted Pines	0	0	0	0	72	0	0	72
Total	440	0	0	0	72	0	0	512



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
6	52172006-CC	72.7	4112 - Maple, Beech, Cherry Association	High Density Log	93	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Clearcut with no retention (to facilitate aerial herbicide application).										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Apply post harvest herbicide to prep site for planting red pine. Prior to herbicide application, locate any areas of oak regen to avoid spraying.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
7	52172007-CC	33.5	4130 - Aspen	High Density Pole	44	51-80	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Clearcut with reserves. Leave oak and some smooth bark beech.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Moderate to fully stocked aspen and maple is acceptable regeneration. Regen survey.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
23	52172023-CC	10.2	4130 - Aspen	High Density Pole	43	51-80	Harvest	Clearcut	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Clearcut with no reserves because of small size.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Medium to fully stocked aspen, red maple and balsam fir regen is acceptable. Regen survey.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										
26	52172026-CC	47.7	4130 - Aspen	High Density Pole	40	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Clearcut with reserves. Leave oak.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Medium to fully stocked aspen and oak are acceptable regeneration. Regen survey.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2015										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval
										Status
33	52172033-mark	44.0	42110 - Planted Red Pine	High Density Log	55	111-140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal

Prescription Mark to 100-120 BA.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

41	52172041-CC	10.3	4130 - Aspen	High Density Log	68	81-110	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut without reserves due to small size of stand.

Specs:

Other

Comments:

Next

A medium to fully stocked stand of aspen is acceptable regen. Regen survey.

Steps:

Proposed

Start Date: 10/01/2015

44	52172044-CC_North	57.4	4130 - Aspen	High Density Pole	37	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut with reserves. Leave retention around island of Q-type in the stand (stand 45).

Specs:

Other

Comments:

Next

Medium to well stocked aspen regeneration is acceptable. Regen survey.

Steps:

Proposed

Start Date: 10/01/2015

44	52172044-Cut	69.0	4130 - Aspen	High Density Pole	37	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut with reserves. Leave oak.

Specs:

Other

Comments:

Next

Medium to fully stocked aspen and oak regeneration is acceptable. Regen survey.

Steps:

Proposed

Start Date: 10/01/2015



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
51	52172051-CC	36.4	6129 - Mixed Coniferous Lowland Forest	High Density Pole	172	111-140	Harvest	Clearcut with Reserves	6119 - Mixed Lowland Deciduous Forest	Cmpt. Review Proposal

Prescription Clearcut with reserves.

Specs:

Other

Comments:

Next A medium to fully stocked stand of any lowland species is acceptable regen.

Steps:

Proposed

Start Date: 10/01/2015

54	52172054-CC	33.1	4133 - Aspen, Mixed Pine	High Density Log	82	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut with reserves. Mark 1 clump of 3 - 5 oak per 2 to 3 acres as well as 1 or 2 islands for retention.

Specs:

Other

Comments:

Next A medium to fully stocked mix of aspen and oak regeneration is acceptable. Regen survey.

Steps:

Proposed

Start Date: 10/01/2015

69	52172069- mark	7.7	42110 - Planted Red Pine	High Density Pole	55	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Rows are parallel to slope making a row thin difficult. Mark stand to 110 - 120 BA creating "rows" perpendicular to slope where necessary.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

70	52172070-CC	45.4	4130 - Aspen	High Density Pole	44	51-80	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut with reserves. Leave retention is islands. Concentrate retention around hemlock.

Specs:

Other

Comments:

Next Medium to fully stocked stand of aspen is acceptable regeneration. Regen survey.

Steps:

Proposed

Start Date: 10/01/2015



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
75	52172075_exp -1-Cut	2.7	6124 - Lowland Spruce-Fir	High Density Log	82	81-110	Harvest	Clearcut	6129 - Mixed Coniferous Lowland Forest	Cmpt. Review Proposal

Prescription Clearcut with adjacent aspen stand. No retention due to small size.

Specs:

Other

Comments:

Next Medium to fully stocked spruce, fir and cedar regeneration is acceptable. Regen survey.

Steps:

Proposed

Start Date: 10/01/2015

79	52172079-CC	21.8	4133 - Aspen, Mixed Pine	High Density Log	60	51-80	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
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Prescription Clearcut with reserves. Leave retention in 1 or 2 islands.

Specs:

Other

Comments:

Next Medium to fully stocked aspen, fir and pine is acceptable regen.

Steps:

Proposed

Start Date: 10/01/2015

80	52172080-Cut	20.1	42110 - Planted Red Pine	High Density Log	55	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Mark stand to 100-120 BA.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

79	52172079- NonFor	0.6	4133 - Aspen, Mixed Pine	High Density Log	60	51-80	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
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Prescription Opening maintenance.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2015

**Total Treatment
Acreage Proposed: 512.6**



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

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

Total Treatment
Acreage Proposed: 0.0

Report 5 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment 172
Year of Entry 2016

Availability for Management

Total Acres	Acres		Dominant Site Conditions	No	5C	5B	3J	2H
	Available	Not Available						
667	667	0	Aspen	644	15	8	0	0
23	23		Cedar	23				
93	49	44	Lowland Conifers	41	8		44	
97	97		Mixed Upland Deciduous	97				
66	66	0	Natural Mixed Pines	60	6		0	
260	245	14	Northern Hardwood	245			0	14
22	22		Oak	13	9			
4	4		Planted Mixed Pines	4				
485	485		Red Pine	485		0		
36	36		Upland Mixed Forest	29	7			
12	12		Upland Spruce/Fir	12				
63	63		White Pine	53	10			
1,828	1,769	58	Total Forested Acres	1,707	55	8	44	14
	97%	3%	Relative Percent					

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	Available	5B: Maintain for regeneration purposes	8				
Comments:							
003	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10				
Comments:							

Report 5 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment 172
Year of Entry 2016

004	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	
Comments:				
005	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	22	
Comments:				
006	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	
Comments:				
007	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	15	
Comments:				
008	Not Available	3J: Water quality / BMPs (stream, river, or lake)	45	No Limiting Factor
Comments:				
009	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	
Comments:				



Report 6 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



Report 7 – DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

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.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder.



Stand	Gaylord Mgt. Unit		Report 8 – Forested Stands			Compartment: 172 Year of Entry: 2016	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
1	4130 - Aspen	High Density Pole	16.6	44	81-110		
2	4111 - S.Maple, Hard Mast Association	High Density Log	25.4	78	51-80	Thinned in 2009. Beech looks healthy though some beech scale present.	
3	4130 - Aspen	High Density Pole	33.9	44	51-80		
6	4112 - Maple, Beech, Cherry Association	High Density Log	72.7	93	81-110	Beech scale present in stand. A lot of the maple is poor quality. Nice looking red oak sawlogs.	
7	4130 - Aspen	High Density Pole	33.5	44	51-80		
9	4111 - S.Maple, Hard Mast Association	High Density Pole	13.5	78	51-80	Thinned in 2009. Beech scale present.	
12	42200 - Natural White Pine	High Density Log	25.0	90	81-110	Natural uneven age white pine. A small area of this stand was planted to white pine in 1959.	
13	4130 - Aspen	High Density Log	7.9	64	81-110	Aspen is beginning to fall out of the stand.	
14	4110 - Sugar Maple Association	High Density Log	37.5	93	51-80		
15	42110 - Planted Red Pine	High Density Log	60.2	55	81-110		
16	42110 - Planted Red Pine	High Density Log	110.4	55	81-110		
18	4123 - Red Oak	High Density Log	8.1	67	51-80		
19	4111 - S.Maple, Hard Mast Association	High Density Log	37.5	93	81-110		
21	42110 - Planted Red Pine	High Density Log	5.6	55	141-170		
22	4110 - Sugar Maple Association	High Density Pole	3.3	70			
23	4130 - Aspen	High Density Pole	10.2	43	51-80		
24	42200 - Natural White Pine	High Density Log	10.3	100	141-170	Nice stand of large natural white pine.	
25	42200 - Natural White Pine	High Density Log	4.4	62	141-170	A small area of planted red pine in this stand.	

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Gaylord Mgt. Unit

Report 8 – Forested Stands

Compartment: 172
Year of Entry: 2016

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
26	4130 - Aspen	High Density Pole	129.4	40	81-110	
27	42290 - Natural Mixed Pine	High Density Log	16.2	100	81-110	
28	4136 - Aspen, Mixed Conifer	High Density Sapling	6.0	18	1-50	
31	42140 - Planted Mixed Pine	High Density Log	4.0	55	111-140	
32	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	18.0	55	81-110	
33	42110 - Planted Red Pine	High Density Log	44.0	55	111-140	
34	4123 - Red Oak	High Density Log	4.4	90	81-110	
35	4130 - Aspen	High Density Sapling	7.7	27	1-50	
37	42110 - Planted Red Pine	High Density Log	236.8	55	141-170	Row thinned in 2009.
38	4131 - Aspen, Oak	High Density Log	2.1	68	111-140	Looks healthy.
39	4311 - Pine, Aspen Mix	High Density Sapling	29.3	18		
40	42101 - Planted White Pine, Mixed Deciduous	High Density Log	9.4	55	111-140	
41	4130 - Aspen	High Density Log	10.3	68	81-110	Still looks vigorous.
44	4130 - Aspen	High Density Pole	188.7	37	81-110	Nice pole stand. Two small drainages in east part of the stand.
45	6128 - Lowland Coniferous, Mixed Deciduous	High Density Log	1.6	101	81-110	
47	6124 - Lowland Spruce-Fir	Medium Density Pole	7.8	100	1-50	Starting to see some mortality in the cedar, spruce and white pine.
50	4311 - Pine, Aspen Mix	High Density Log	6.9	89	81-110	
51	6129 - Mixed Coniferous Lowland Forest	High Density Pole	36.4	172	111-140	General stand health is good, though some cedar beginning to show a little dieback.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
52	4191 - Mixed Upland Deciduous with Conifer	High Density Log	79.2	97	51-80	Red oak and pine look healthy, some of the birch is showing signs of decline.
53	4131 - Aspen, Oak	High Density Log	15.2	95	81-110	Aspen is still vigorous, oak is showing no sign of decline.
54	4133 - Aspen, Mixed Pine	High Density Log	33.1	82	81-110	Nice mixed stand, healthy.
56	4130 - Aspen	High Density Pole	19.1	39	81-110	
57	4134 - Aspen, Spruce/Fir	High Density Pole	16.2	24	51-80	
58	4113 - R.Maple, Conifer	Medium Density Log	7.6	62	51-80	
59	4110 - Sugar Maple Association	Medium Density Log	26.0	76	51-80	
60	42290 - Natural Mixed Pine	High Density Log	43.7	89	141-170	Looks like a natural stand of pine.
61	4110 - Sugar Maple Association	High Density Log	22.4	76	51-80	
62	4123 - Red Oak	High Density Log	9.4	94	81-110	
63	6120 - Lowland Cedar	High Density Log	11.0	120		
66	42290 - Natural Mixed Pine	High Density Log	6.7	120	111-140	New stand added.
67	4131 - Aspen, Oak	High Density Pole	30.8	39	81-110	
68	4134 - Aspen, Spruce/Fir	High Density Pole	40.7	28	51-80	
69	42110 - Planted Red Pine	High Density Pole	7.7	55	141-170	Looks healthy, hasn't been thinned.
70	4130 - Aspen	High Density Pole	45.4	44	51-80	Some hemlock in the stand.
74	42101 - Planted White Pine, Mixed Deciduous	High Density Pole	13.8	55	111-140	
75	6124 - Lowland Spruce- Fir	High Density Log	47.7	82	81-110	

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Gaylord Mgt. Unit

Report 8 – Forested Stands

Compartment: 172
Year of Entry: 2016



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
76	4110 - Sugar Maple Association	High Density Log	14.7	69	111-140	
77	42330 - Upland Fir	High Density Pole	12.3	48	81-110	core 3
78	6120 - Lowland Cedar	Medium Density Pole	12.3	102	81-110	A lot of the stand is beginning to show signs of decline. There is die back in the tops of a lot of the cedar.
79	4133 - Aspen, Mixed Pine	High Density Log	22.2	60	51-80	
80	42110 - Planted Red Pine	High Density Log	20.3	55	171-200	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
4	310 - Herbaceous Openland	3.4	Unspecified	Unspecified	
5	310 - Herbaceous Openland	3.5	Unspecified	Unspecified	
8	310 - Herbaceous Openland	8.6	Unspecified	Unspecified	
10	310 - Herbaceous Openland	1.4	Unspecified	Unspecified	
11	310 - Herbaceous Openland	3.5	Unspecified	Unspecified	
17	310 - Herbaceous Openland	2.8	Unspecified	Unspecified	
20	629 - Mixed non-forested wetland	9.4	Unspecified	Unspecified	
29	310 - Herbaceous Openland	2.3	Unspecified	Unspecified	
30	310 - Herbaceous Openland	2.3	Unspecified	Unspecified	
36	310 - Herbaceous Openland	1.5	Unspecified	Unspecified	
42	310 - Herbaceous Openland	3.1	Unspecified	Unspecified	
43	310 - Herbaceous Openland	3.3	Unspecified	Unspecified	
46	310 - Herbaceous Openland	3.7	Unspecified	Unspecified	Filling in with white pine up to approx. 6' tall.
48	122 - Road/Parking Lot	6.1	Unspecified	Unspecified	
49	310 - Herbaceous Openland	2.4	Unspecified	Unspecified	
55	310 - Herbaceous Openland	2.7	Unspecified	Unspecified	Starting to fill in with white pine (up to about 6' tall).
64	310 - Herbaceous Openland	1.4	Unspecified	Unspecified	
65	310 - Herbaceous Openland	1.6	Unspecified	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
71	310 - Herbaceous Openland	3.4	Unspecified	Unspecified	
72	310 - Herbaceous Openland	1.4	Unspecified	Unspecified	
73	310 - Herbaceous Openland	1.2	Unspecified	Unspecified	
81	622 - Lowland Shrub	2.2	Unspecified	Unspecified	