

Compartment Review Presentation

Gaylord Forest Management Unit Compartment 35 Entry Year 2016 Acreage: 3,028 County Charlevoix Management Area: Chandler Hills

Revision Date: 04/07/2014

Stand Examiner: Ric Barta

Legal Description:

T33N, R4W, SEC 3, 4, 9, 10, 15, 16

Identified Planning Goals:

Maintain the state forest resource in a healthy condition to meet the multiple use demands on this area.

Soil and topography:

Soils are of the Leelanau-Emmet association. Topography ranges from nearly level to severely hilly.

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

There is mostly state land in and around the compartment with much of the private being active or abandoned farmland.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

There is beaver and red shouldered hawk activity in Section 16.

Watershed and Fisheries Considerations:

This compartment is in the Spring Brook watershed. Spring Brook is a high quality, naturally reproducing brook trout stream, arguably one of the best brook trout streams in the Lower Peninsula. Many small intermittent streams that connect to the North Branch of Spring Brook are located in/near treatment areas. Though none of the treatments proposed appear as though they will have direct impacts, the small tributaries found within the swampy lowland areas should be protected with the appropriate BMP's.

Wildlife Habitat Considerations:

Treatments in this compartment will maintain age class diversity in aspen while creating early successional habitat benifiting deer, grouse, and woodcock. Hardwood treatments will provide within stand structural diversity and pockets of early successional habitat. Openings are prescribed to be maintained in this compartment benifiting deer, turkey, grouse, and woodcock.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 100 and 400 feet. Beneath the glacial drift is the Antrim Shale. The Antrim is quarried for cement products elsewhere in the State. A gravel pit is located one mile to the southeast and potential is good. This area appears to be to far north for development of the Antrim Shale, as it is nearing its subcrop limit. Part of this Compartment is leased for oil and gas development.

Vehicle Access:

Harmon Road bisects the compartment north to south. A network of forest trails provides access throughout the compartment, though poor conditions limit two-wheeled traffic in places, especially in Sections 4 and 9. A Director's Order denies wheeled vehicles access to the east half of the east quarter of Section 16.

Survey Needs:

Surveys will probably be needed for the timber sale prescriptions in Sections 9 and 10.

Recreational Facilities and Opportunities:

The North Country Trail bisects Sections 4, 9, and 16. The snowmobile trail follows Harmon and County Line Roads.

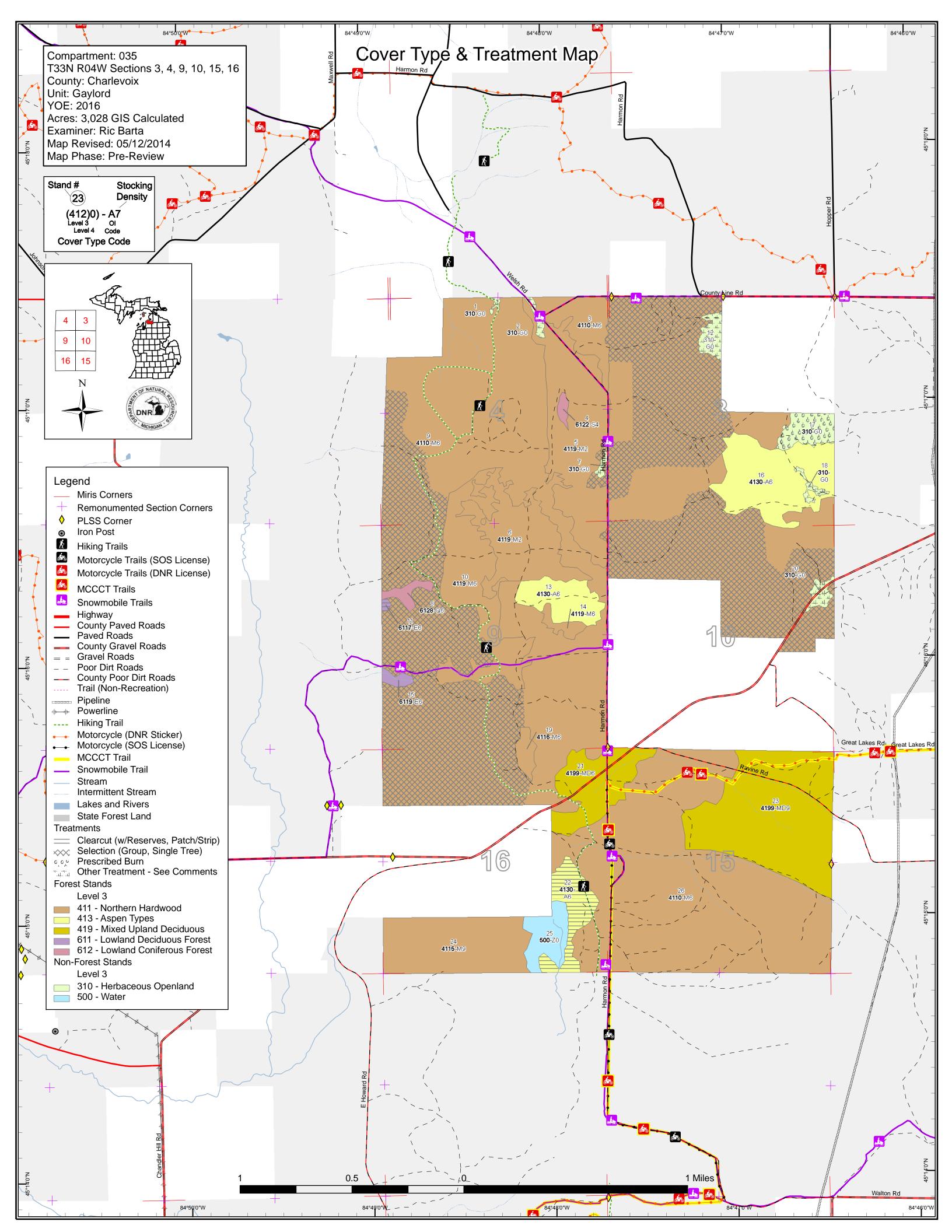
There is an ORV trail in Section 15.

Fire Protection:

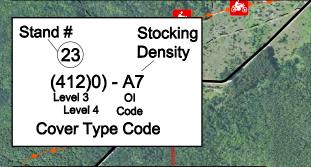
Additional Compartment Information:

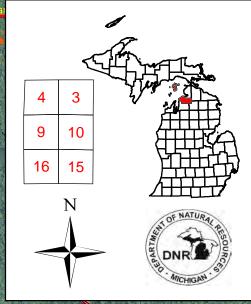
The following reports from the Inventory are attached: Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas 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



Compartment: 035 T33N R04W Sections 3, 4, 9, 10, 15, 16 County: Charlevoix Unit: Gaylord YOE: 2016 Acres: 3,028 GIS Calculated Examiner: Ric Barta Map Revised: 05/12/2014 Map Phase: Pre-Review





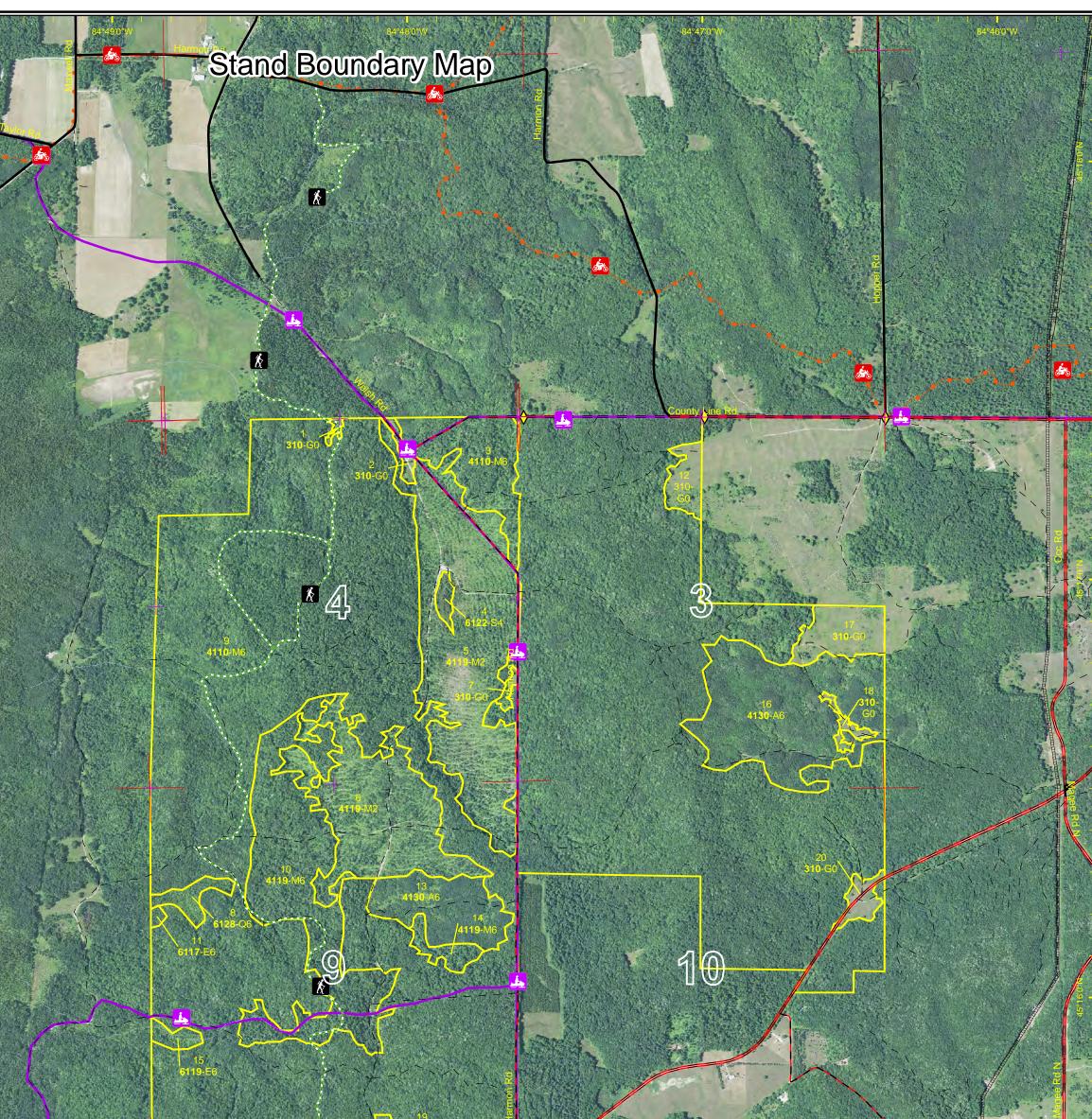
Legend

55

- Miris Corners
- +Remonumented Section Corners
- \diamond PLSS Corner
- Iron Post \odot
- Ŕ Hiking Trails
- Motorcycle Trails (SOS License)
- Motorcycle Trails (DNR License)
- **á**ts MCCCT Trails
- <u>_</u> Snowmobile Trails
- Highway
- County Paved Roads Paved Roads
- County Gravel Roads
- Gravel Roads _ _
- Poor Dirt Roads _ _
- County Poor Dirt Roads Trail (Non-Recreation) - - - - -
- Pipeline ______

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↔ Powerline Hiking Trail Motorcycle (DNR Sticker)
 Motorcycle (SOS License)
 MCCCT Trail Snowmobile Trail Stream Intermittent Stream Stand Boundaries Forest Stands Level 3 411 - Northern Hardwood
413 - Aspen Types
419 - Mixed Upland Deciduous
611 - Lowland Deciduous Forest
612 - Lowland Coniferous Forest Non-Forest Stands Level 3 310 - Herbaceous Openland 500 - Water



Miles

15

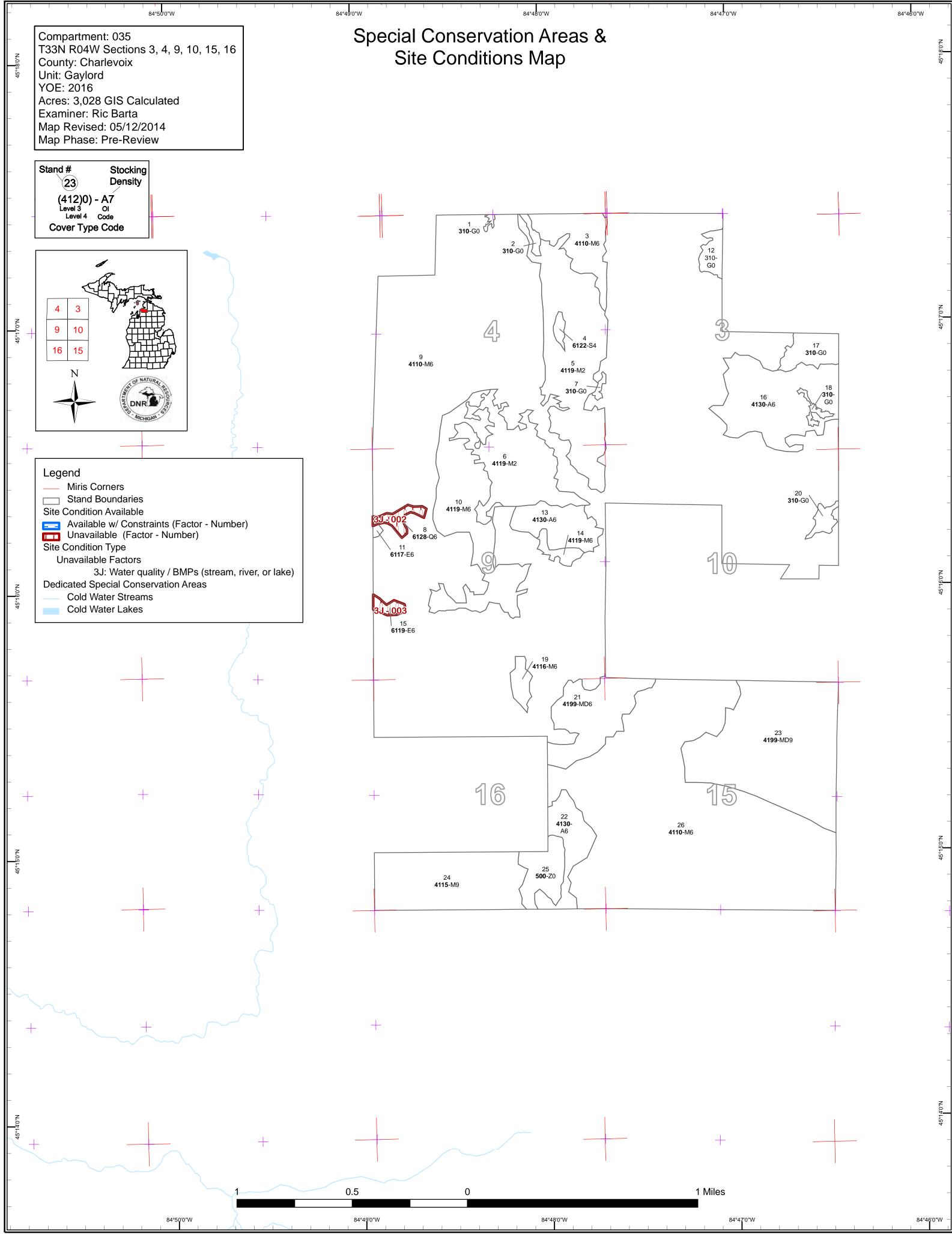
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Report 1 – Total Acres by Cover Type and Age Class

Gaylord Mgt. Unit Richard Barta : Examiner

Compartment 035 Year of Entry 2016



	Age Class															
	/	6.0	⁷ 0,70	10-12	20.30 130	40 ⁻⁴²	50.30 .30	80 [.] 60	10,10,10,10,10,10,10,10,10,10,10,10,10,1	90, 90, 69, 90,	8. 9.	00.001 ·	10,10	200×100	A A A A A A A A A A A A A A A A A A A	, 5 ²⁰
Aspen	0	0	134	35	0	0	0	0	0	0	0	0	0	0	168	
Herbaceous Openland	48	0	0	0	0	0	0	0	0	0	0	0	0	0	48	
Lowland Conifers	0	0	0	0	0	0	0	0	8	0	0	0	0	0	8	
Lowland Deciduous	0	0	0	0	0	1	0	5	0	0	0	0	0	0	6	
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	
Mixed Upland Deciduous	0	0	0	63	0	0	0	0	189	0	0	0	0	0	252	
Northern Hardwood	0	0	0	0	91	289	0	9	102	1535	489	0	0	0	2515	
Water	27	0	0	0	0	0	0	0	0	0	0	0	0	0	27]
Total	75	0	134	98	91	290	0	14	299	1538	489	0	0	0	3028]



Gaylord Mgt. Unit Year of Entry 2016								Compartment Total Compartment Acres:	
			Acres by	, Treatm	ent Ty	ре			
Commercial Harvest - 935	Tree Planting - 0		Othe	r - 48					
Habitat Cut - 0	Opening Maintena	nce - 0							
			Cover 1	ype by	Harves	st Metl	nod		
		5	Solo Clark	2000 CO	esternood	Cristing Ox	A A A A A A A A A A A A A A A A A A A	2. Contraction of the second s	
Aspen Types		35	0 0	0	0	0	35		
Lowland Deciduous F	Forest	1	0 0	0	0	0	1		
Northern Hardwood		0	899 0	0	0	0	899		
	Total	36	899 0	0	•	0	935		
	Year of Entry 2016 Commercial Harvest - 935 Habitat Cut - 0 Aspen Types Lowland Deciduous	Year of Entry 2016 Commercial Harvest - 935 Tree Planting - 0 Habitat Cut - 0 Opening Maintena Aspen Types Lowland Deciduous Forest Northern Hardwood Image: Commercial Harvest - 935	Year of Entry 2016 Commercial Harvest - 935 Tree Planting - 0 Habitat Cut - 0 Opening Maintenance - 0 Aspen Types 35 Lowland Deciduous Forest 1 Northern Hardwood 0	Year of Entry 2016 Acres by Commercial Harvest - 935 Tree Planting - 0 Other Habitat Cut - 0 Opening Maintenance - 0 Other Cover T Cover T Cover T Image: Commercial Harvest - 935 Tree Planting - 0 Other Habitat Cut - 0 Opening Maintenance - 0 Cover T Image: Commercial Harvest - 935 Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cover T Image: Cov	Year of Entry 2016 Acres by Treatm Commercial Harvest - 935 Tree Planting - 0 Other - 48 Habitat Cut - 0 Opening Maintenance - 0 Cover Type by I Voltage of the second	Year of Entry 2016 Acres by Treatment Ty Commercial Harvest - 935 Tree Planting - 0 Other - 48 Habitat Cut - 0 Opening Maintenance - 0 Ocer Type by Harvest Cover Type by Harvest Opening Solution Opening Solution Aspen Types 35 0 0 0 Lowland Deciduous Forest 1 0 0 0	Year of Entry 2016 Acres by Treatment Type Commercial Harvest - 935 Tree Planting - 0 Other - 48 Habitat Cut - 0 Opening Maintenance - 0 Opening Maintenance - 0 Cover Type by Harvest Meth Vear of Entry 2016 Aspen Types 35 0 0 0 Aspen Types 35 0 0 0 0 0 Northern Hardwood 0 899 0 0 0 0	Year of Entry 2016 Acres by Treatment Type Commercial Harvest - 935 Tree Planting - 0 Other - 48 Habitat Cut - 0 Opening Maintenance - 0 Cover Type by Harvest Method Cover Type by Harvest Method Aspen Types 35 0 0 0 35 Lowland Deciduous Forest 1 0 0 0 1	Year of Entry 2016 Total Compartment Acres: Acres by Treatment Type Commercial Harvest - 935 Tree Planting - 0 Other - 48 Habitat Cut - 0 Opening Maintenance - 0 Cover Type by Harvest Method Aspen Types 35 0 0 0 35 Lowland Deciduous Forest 1 0 0 0 1 Northern Hardwood 0 0 0 0 0 0 0

S t		lord Mgt. Unit	Repo			ents Prescril ing Factor	bed	Compartment: 035 Year of Entry 2016	UNR DNR	
a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
9	52035009- west- Cut_small	243.8	4110 - Sugar Maple Association	High Density Pole	95	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Cmpt. Review Proposal
Presci Specs	: aspen b	y putting in		spen clone	s are en	countered.	A focus on prom	oting stand specie	e. Look for opportuniti es diversity should be r	
<u>Other</u> Comm										
<u>Next</u> Steps: Propos		regen. Acc	ceptable regeneration	will be any	well stoc	ked stand o	f northern hardw	ood species, inclu	iding aspen.	
Start D		15								
9	52035009- west- Cut_small_1	228.3	4110 - Sugar Maple Association	High Density Pole	95	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Cmpt. Review Proposal
<u>Specs</u>	Place re								es diversity should be r nd the archeological sit	
<u>Comrr</u> <u>Next</u> Steps: Propos	Monitor Monitor	-	ceptable regeneration	will be any	well stoc	ked stand c	f northern hardw	ood species, inclu	iding aspen.	
<u>Comrr</u> <u>Next</u> Steps: Propos	Monitor Monitor	15	ceptable regeneration v 4110 - Sugar Maple Association	will be any the second se	well stoc	ked stand o	of northern hardw	ood species, inclu Single Tree Selection	iding aspen. 411 - Northern Hardwood	Cmpt. Review Proposal
Comm Next Steps: Propos Start D 9 Presci Specs	Monitor ed ate: 10/01/20 52035009- west- Cut_small_2 ription Thin to 2 aspen b Place re	15 427.2 70-90 BA. y putting in	4110 - Sugar Maple Association Salvage Beech and As	High Density Pole sh where ap	95 opropriate s are en	81-110 e, but mark countered.	Harvest to leave some b A focus on prom	Single Tree Selection g beech for wildlif oting stand specie	411 - Northern	Proposal es to maintain
Comm Next Steps: Propos Start D 9 9 Presci Specs Other Comm	Monitor Monitor <u>ed</u> <u>ate:</u> 10/01/20 52035009- west- Cut_small_2 ription Thin to T aspen b Place re	15 427.2 70-90 BA. y putting in generation	4110 - Sugar Maple Association Salvage Beech and As mini-clearcuts when a	High Density Pole sh where ap spen clone t a rate of o	95 opropriate s are en ne for ev	81-110 e, but mark countered. very two acr	Harvest to leave some b A focus on prom es. Protect recre	Single Tree Selection g beech for wildlif oting stand specie eational trails.	411 - Northern Hardwood e. Look for opportuniti es diversity should be r	Proposal es to maintain
Comm Next Steps: Propos Start D 9 9 Prescr Specs Other Comm Next Steps: Propos	Monitor ed ate: 10/01/20 52035009- west- Cut_small_2 ription Thin to a aspen b Place re hents: Monitor ed	15 427.2 70-90 BA. y putting in generation regen. Acc	4110 - Sugar Maple Association Salvage Beech and As mini-clearcuts when a gaps of 1/10th acre al	High Density Pole sh where ap spen clone t a rate of o	95 opropriate s are en ne for ev	81-110 e, but mark countered. very two acr	Harvest to leave some b A focus on prom es. Protect recre	Single Tree Selection g beech for wildlif oting stand specie eational trails.	411 - Northern Hardwood e. Look for opportuniti es diversity should be r	Proposal es to maintain
Comm Next Steps: Propos Start D 9 Presci Specs Other Comm Next Steps: Propos Start D	Monitor ed ate: 10/01/20 52035009- west- Cut_small_2 ription Thin to Thi	15 427.2 70-90 BA. y putting in generation regen. Acc	4110 - Sugar Maple Association Salvage Beech and As mini-clearcuts when a gaps of 1/10th acre al	High Density Pole sh where ap spen clone t a rate of o	95 opropriate s are en ne for ev	81-110 e, but mark countered. very two acr	Harvest to leave some b A focus on prom es. Protect recre	Single Tree Selection g beech for wildlif oting stand specie eational trails.	411 - Northern Hardwood e. Look for opportuniti es diversity should be r	Proposal es to maintain maintained.
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Presci Specs Other Comm Next Steps: Propos Start D	Monitor ed ate: 10/01/20 52035009- west- Cut_small_2 ription Thin to aspen b Place re Monitor ed ate: 10/01/20 52035011-Cut ription Cut all the	15 427.2 70-90 BA. y putting in generation regen. Acc 15 1.2	4110 - Sugar Maple Association Salvage Beech and As mini-clearcuts when a gaps of 1/10th acre at ceptable regeneration of 6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole sh where ap spen clone t a rate of o will be any t will be any t High Density Pole	95 opropriate s are en ne for ev well stoc	81-110 e, but mark countered. very two acr ked stand o 81-110	Harvest to leave some b A focus on prom es. Protect recre of northern hardw Harvest	Single Tree Selection g beech for wildlif oting stand specie actional trails. ood species, inclu Clearcut	411 - Northern Hardwood e. Look for opportuniti es diversity should be n iding aspen. 413 - Aspen	Proposal es to maintain maintained. Cmpt. Review
Comm Next Steps: Propos Start D 9 Prescr Specs Other Comm Next Steps: Propos Start D 11 11 Prescr Specs Other	Monitor Monitor Sed ate: 10/01/20 S2035009- west- Cut_small_2 ription Thin to Taspen b Place ref Monitor Sed ate: 10/01/20 S2035011-Cut ription Cut all tr ments: Monitor	15 427.2 70-90 BA. y putting in generation regen. Acc 15 1.2 rees, regard regen. Acc	4110 - Sugar Maple Association Salvage Beech and As mini-clearcuts when a gaps of 1/10th acre at ceptable regeneration of 6117 - Lowland Deciduous, Mixed Coniferous dless of merchantabilit	High Density Pole sh where ap spen clone t a rate of o will be any w will be any w High Density Pole y, that are 2	95 opropriate s are en ne for ev well stoc 51 2" dbh or	81-110 e, but mark countered. /ery two acr ked stand c 81-110	Harvest to leave some b A focus on prom es. Protect recre of northern hardw Harvest ing a very small a	Single Tree Selection ig beech for wildlif oting stand specie ational trails. ood species, inclu Clearcut acreage, forgo ret	411 - Northern Hardwood e. Look for opportuniti es diversity should be n iding aspen. 413 - Aspen	es to maintain maintained. Cmpt. Review Proposal

S t		Gayl	ord Mgt. Unit	Report 3 Treatments Prescribed with No Limiting Factor				ed	Compartment: 035 Year of Entry 2016	DRR DR NATURAT WINDUR
a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
22	52035022-Cut	34.5	4130 - Aspen	High Density Pole	35	81-110	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
<u>Pres</u> Spec	<u>s:</u> North Co	rees, regard ountry Trail.	less of merchantability		at least 2	2" dbh. Le	eave 3-10% retentio	n, preferably as a	a buffer to the wet area.	Protect the
	<u>ments:</u> Monitor		n, which should be a v	vell stocke	d stand c	of aspen.	Minor components	of other species,	such as fir and red map	ole, are
Propo Start		15								
17	NF52035017- Burn	20.5	3105 - Mixed Upland Herbaceous				Prescribed Burn	Unspecified	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Pres</u> Spec		the non-foi	rested condition of this	stand eith	ier throug	gh prescril	bed burning, herbic	ide, or mechanic	al means.	
<u>Othe</u> <u>Com</u>	<u>r</u> ments:									
<u>Next</u> <u>Step</u>										
<u>Propo</u> Start		ied								
1	NF52035001- Other	1.1	3105 - Mixed Upland Herbaceous				Other	Unspecified	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal
Pres Spec	cription Maintain		rested condition of this	stand eith	er throug	gh prescril	bed burning, herbic	ide, or mechanic	•	
<u>Othe</u> <u>Com</u>	<u>r</u> ments:									
<u>Next</u> Step										
Propo Start		ied								
2	NF52035002- Other	3.6	3105 - Mixed Upland Herbaceous				Other	Unspecified	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Pres</u> Spec	cription Maintain		rested condition of this	stand eith	ier throug	gh prescri	bed burning, herbic	ide, or mechanic	al means.	·
<u>Othe</u> Com	<u>r</u> ments:									
<u>Next</u> <u>Step</u>										
<u>Propo</u> Start		ied								
7	NF52035007- Other	1.8	3105 - Mixed Upland Herbaceous				Other	Unspecified	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Pres</u> Spec	•	the non-foi	rested condition of this	stand eith	er throug	gh prescril	bed burning, herbic	ide, or mechanic	al means.	
<u>Othe</u> <u>Com</u>	<u>r</u> ments:									
<u>Next</u> <u>Step</u>										
<u>Propo</u> Start		ied								

S t		Gaylord Mgt. Unit Report 3 Treatments Prescribed with No Limiting Factor						bed	Compartment: 035 Year of Entry 2016	DR NATURAL PR
a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
12	NF52035012- Other	10.4	3105 - Mixed Upland Herbaceous				Other	Unspecified	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal
Presc Spece		the non-fo	rested condition of this	stand eith	er throug	lh prescrib	ed burning, herbi	cide, or mechanic	al means.	
<u>Other</u> Comr	nents:									
<u>Next</u> Steps										
Propositiant D	sed_	ied								
18	NF52035018- Other	3.4	3105 - Mixed Upland Herbaceous				Other	Unspecified	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal
Presc Specs		n the non-fo	rested condition of this	stand eith	er throug	Jh prescrib	ed burning, herbi	cide, or mechanic	al means.	
Other Comr	<u>ments:</u>									
<u>Next</u> Steps	<u>):</u>									
Propos Start D		ied								
20	NF52035020- Other	6.7	3105 - Mixed Upland Herbaceous				Other	Unspecified	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal
Presc Specs		the non-fo	rested condition of this	stand eith	er throug	Ih prescrib	ed burning, herbi	cide, or mechanic	al means.	
<u>Other</u> Comr	<u>nents:</u>									
<u>Next</u> Steps	<u>):</u>									
Propos Start D		ied								
Ac	Total Treatmer creage Propose		.5							

Gaylord Mgt. Unit Report 4 Treat S a Lim t					eatment imiting		with	Compartment: 035 Year of Entry 2016	AND CONTURAL AND CONTURAL AND CONTROL OF MATURAL AND CONTROL AND CONTROL AND CONTROL OF MATURAL AND CONTROL AND CO	
a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
		#Type!	#Type!							
Presc Specs Other Comm										
<u>Next</u> Steps										
Propo Start [
	ig Factor									

Gaylord Mgt. Unit

Ric Barta : Examiner

Compartment 035 Year of Entry 2016

Availability for Management

Total Acres Acres

.

Available Net Available

Dominant Site Conditions

8Lowland Conifers815Lowland Deciduous1	N	Not Available	Available	Acres
1 5 Lowland Deciduous 1 5	Aspen 10		168	168
	Lowland Conifers	8		8
	Lowland Deciduous	5	1	6
5 Lowiand Spruce/Fir 5	Lowland Spruce/Fir		3	3
252 Mixed Upland Deciduous 252	Mixed Upland Deciduous 29		252	252
5 2515 Northern Hardwood 2,515	Northern Hardwood 2,5		2515	2515
2 2,940 12 Total Forested Acres 2,940 12	Total Forested Acres 2,9	12	2,940	2,952
100% 0% Relative Percent	Relative Percent	0%	100%	

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	Not Available	3J: Water quality / BMPs (stream, river, or lake)	8	2G: Too wet (sensitive soils, does not include access issues)			
(Comments:						
003	Not Available	3J: Water quality / BMPs (stream, river, or lake)	5	2G: Too wet (sensitive soils, does not include access issues)			
•	Comments:			access issues)			



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.

Conservatio Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical sites of cultural and historical significance that may occur upon bottomlands. They include thousands of Native American settle and British outposts, nineteenth century logging camps, mines the Great Lakes, there are shipwrecks and other remains docur be identified by Natural heritage data from the State Historic Pro- this compartment will be implemented in such a manner as to n the sensitive nature of this information, no further detail about lo	terrestrial areas and Great Lakes ments and burial sites, as well as French and homesteads. Beneath the waters of menting the maritime trade. Such sites may eservation Office. Proposed treatments in naintain the integrity of these sites. Due to

S t	Gaylor	d Mgt. Unit		Report 8	– Forested	I Stands Compartment: 035 Year of Entry: 2016
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
3	4110 - Sugar Maple Association	High Density Pole	41.3	53	81-110	This is a former red pine plantation that was liquidated on the last entry. Established hardwood residual was protected and a few overtopping red pine logs were left, resulting in the present stand. Stocking is somewhat erratic.
4	6122 - Black Spruce	Low Density Pole	3.5	90	1-50	Trees are scattered.
5	4119 - Mixed Northern Hardwoods	Medium Density	138.4	53	1-50	This was a red pine plantation that was liquidated about 2009. Residual hardwoods were protected so there are scattered poles in the stand but in general it is a sapling stand. BAs were 50, 10, 20, 0, 20, 10, 20, 0, 10.
6	4119 - Mixed Northern Hardwoods	Medium Density	84.0	47	1-50	This was a red pine plantation that was liquidated about 2009. Residual hardwoods were protected so there are scattered poles in the stand but in general it is a sapling stand. BAs were 0, 20, 10, 10, 0, 30, 40, 10, 20.
8	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	7.7	87	51-80	One big seep that drains to the west.
9	4110 - Sugar Maple Association	High Density Pole	1,534.7	95	81-110	BA and percentages derived from 173 QD plots. Understory saplings are ubiquitous but stocking is highly variable.
10	4119 - Mixed Northern Hardwoods	High Density Pole	109.3	58	51-80	BAs of 50, 80, 60, 50, 50. A recently harvested red pine plantation that is converting to hardwoods, which were already well established before the pine was cut.
11	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	1.2	51	81-110	Adjacent aspen in compartment to the west is prescribed, and it makes the most sense to harvest this small acreage with that one.
13	4130 - Aspen	High Density Pole	36.6	25	1-50	BAs were 0, 20, 20, 10, 30, 0. Stocking is good, but diameters seem small for a stand of this age on this site.
14	4119 - Mixed Northern Hardwoods	High Density Pole	7.5	48	1-50	This stand is a recent red pine plantation that was liquidate about 5 years ago and is converting to hardwoods, which had become established within the plantation.
15	6119 - Mixed Lowland Deciduous Forest	High Density Pole	4.6	79	51-80	Wet seep draining to the west.
16	4130 - Aspen	High Density Pole	96.9	25	1-50	BAs were 20, 10, 40, 30, 20, 10. Stocking and species composition are very erratic. The stand doesn't seem very advanced for its age in places.
19	4116 - Mixed N. Hardwood - Aspen	High Density Pole	9.2	73	51-80	
21	4199 - Other Mixed Upland Deciduous	High Density Pole	63.2	34	1-50	Harvested red pine plantation converting to hardwood. Patchy stocking of saplings and poles. BAs were 60, 40, 10, 40, 30.

S t	Gaylor	rd Mgt. Unit		Report 8	– Forested	Stands Compartment: 035 Year of Entry: 2016
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
22	4130 - Aspen	High Density Pole	34.5	35	81-110	This stand can be prescribed to balance age class distribution. In addition, beaver activity is impacting the stand. BAs were 90, 120, 100, 80, 90. Sparse in places. Southwest is more to fir and spruce.
23	4199 - Other Mixed Upland Deciduous	High Density Log	189.2	81	51-80	17 plots. BAs range from 40 to 120. Stand was select cut at the last entry.
24	4115 - Y.Birch, Hemlock NH	High Density Log	102.3	88	81-110	Ten plots, BAs ranged from 40 to 130. Much of the stand consists of severe slopes.Westernmost portion of stand has some low ground in it.
26	4110 - Sugar Maple Association	High Density Pole	488.6	103	51-80	Percentages and BA are derived from 47 QD plots. Subcanopy saplings are highly variable in their stocking.

Gaylord Mgt. Unit

Report 9 – Nonforested Stands

Compartment: 035 Year of Entry: 2016



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	3105 - Mixed Upland Herbaceous	1.1	Unspecified	Unspecified	Hilly. Prescribe for mechanical opening maintenance.
2	3105 - Mixed Upland Herbaceous	3.6	Unspecified	Unspecified	Contains the intersection of County Line Rd andHarmon Rd. Going south from this intersection is the logging trail known as Welsh Rd.
7	3105 - Mixed Upland Herbaceous	1.8	Unspecified	Unspecified	Some scattered saplings of hardwood and red pine. Prescribe for opening maintenance.
12	3105 - Mixed Upland Herbaceous	10.4	Unspecified	Unspecified	Scattered red pine saplings. Prescribe for opening maintenance burn.
17	3105 - Mixed Upland Herbaceous	20.5	Yes	Unspecified	Scattered hawthorn, cherry and other hardwoods. This was burned since last entry to maintain the opening for wildlife. Prescribe it as such again.
18	3105 - Mixed Upland Herbaceous	3.4	Unspecified	Unspecified	Logging trail passes through. This clearing served as the landing for the surrounding clearcut. Prescribe for opening maintenance.
20	3105 - Mixed Upland Herbaceous	6.7	Unspecified	Unspecified	Contains a few poorly formed cherry. Springvale Rd passes through. Prescribe for mechanical opening maintenance.
25	50 - Water	27.4	Unspecified	Unspecified	Beaver activity has created a variable waterscape consisting of anything from open water to emergent herbaceous to flooded timber. Lots of mortality but still some live fir, spruce and cedar.