

Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52050 Entry Year 2017 Acreage: 1,618 County Antrim

Management Area: Jordan Valley

Revision Date: 2015-05-11

Stand Examiner: Lucas Merrick

Legal Description:

T31N, R6W, Sections 24, 25, & 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:

70% Kalkaska-Montcalm complex, 25% Kalkaska Sand and 5% Roscommon Mucky Sand. Nearly level to very steep slopes, 0 - 40%.

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

West and north portions of the compartment border on private. There are some private holdings within the compartment. The compartment is part of a large tract of state land in the Jordan River watershed.

Unique Natural Features:

The compartment is part of the Jordan River Valley ecosystem.

Archeological, Historical, and Cultural Features:

None known at this time.

Special Management Designations or Considerations:

This compartment is part of a HCVA since it is part of the Jordan Valley Management Plan.

Watershed and Fisheries Considerations:

This compartment is in the Jordan River watershed. Portions of a Jordan River tributary and adjacent lowland are located within the proposed treatment area. Though none of the treatments proposed appear as though they will impact this stream directly, the appropriate BMP's and Natural Rivers buffers should be followed.

Wildlife Habitat Considerations:

This compartment is primarily hardwoods. Any oak in the stands prescribed will be maintained where present to provide hard mast for deer, turkey, and grouse.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Devonian Ellsworth and Antrim Shale. These shales are quarried for cement products elsewhere in the State. A gravel pit is located two miles to the west and potential is good. Oil and gas potential in the area is primarily for the Antrim Shale gas play, but the compartment is in the Jordan Valley Management Area and development is not allowed. All of the state land in the compartment is classified as non-leasable, yet nearly all of Section 24 and the southern half of Section 25 are under lease and are included in unitized areas. Section 36 is offset by producing wells to the west and is being drained of hydrocarbons.

Vehicle Access:

Very little of Section 24 and the north half of Section 25 is more than 3/8 of a mile from a drivable road. The south half of Section 25 and all of Section 36 have poor to moderate road access which is gated.

Survey Needs:

None noted at this time.

Recreational Facilities and Opportunities:

No facilities. Hunting, mushrooming and snowmobiling are pursued in the compartment. Note: The Jordan Valley Snowmobile Trail is located east of this compartment on the Jordan River Road which does affect access into sections 25

& 36 of this compartment.

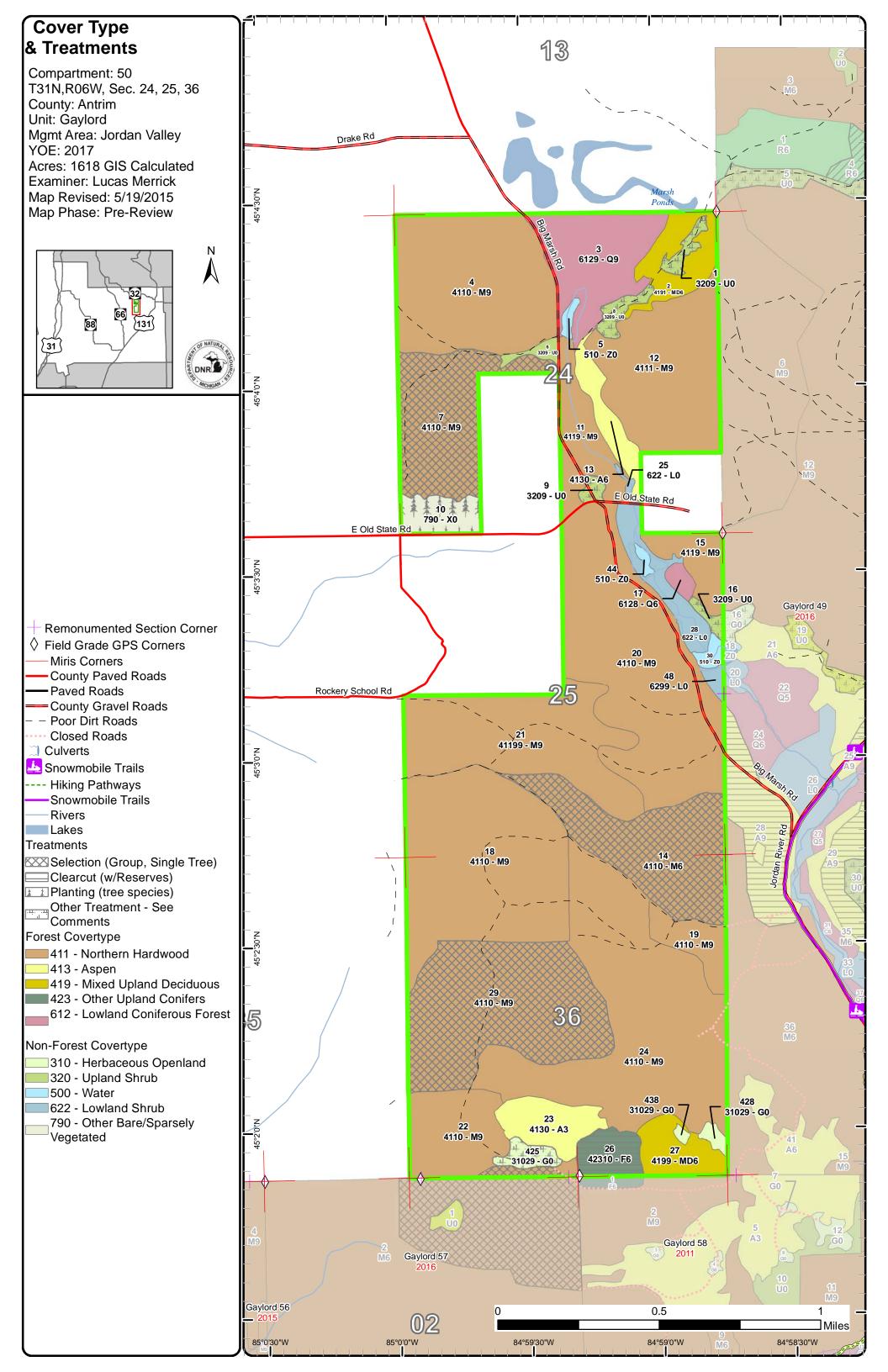
Fire Protection:

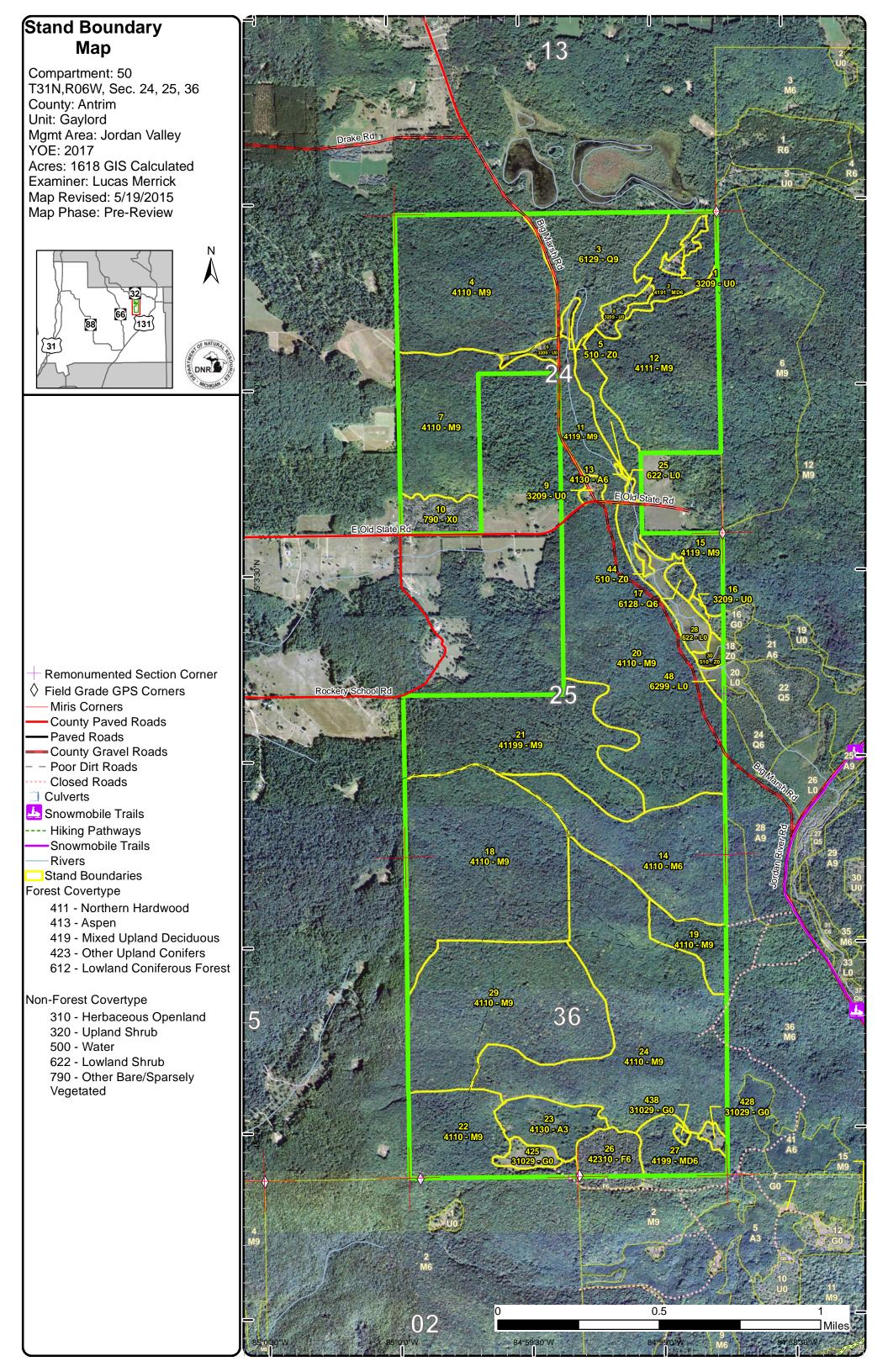
Additional Compartment Information:

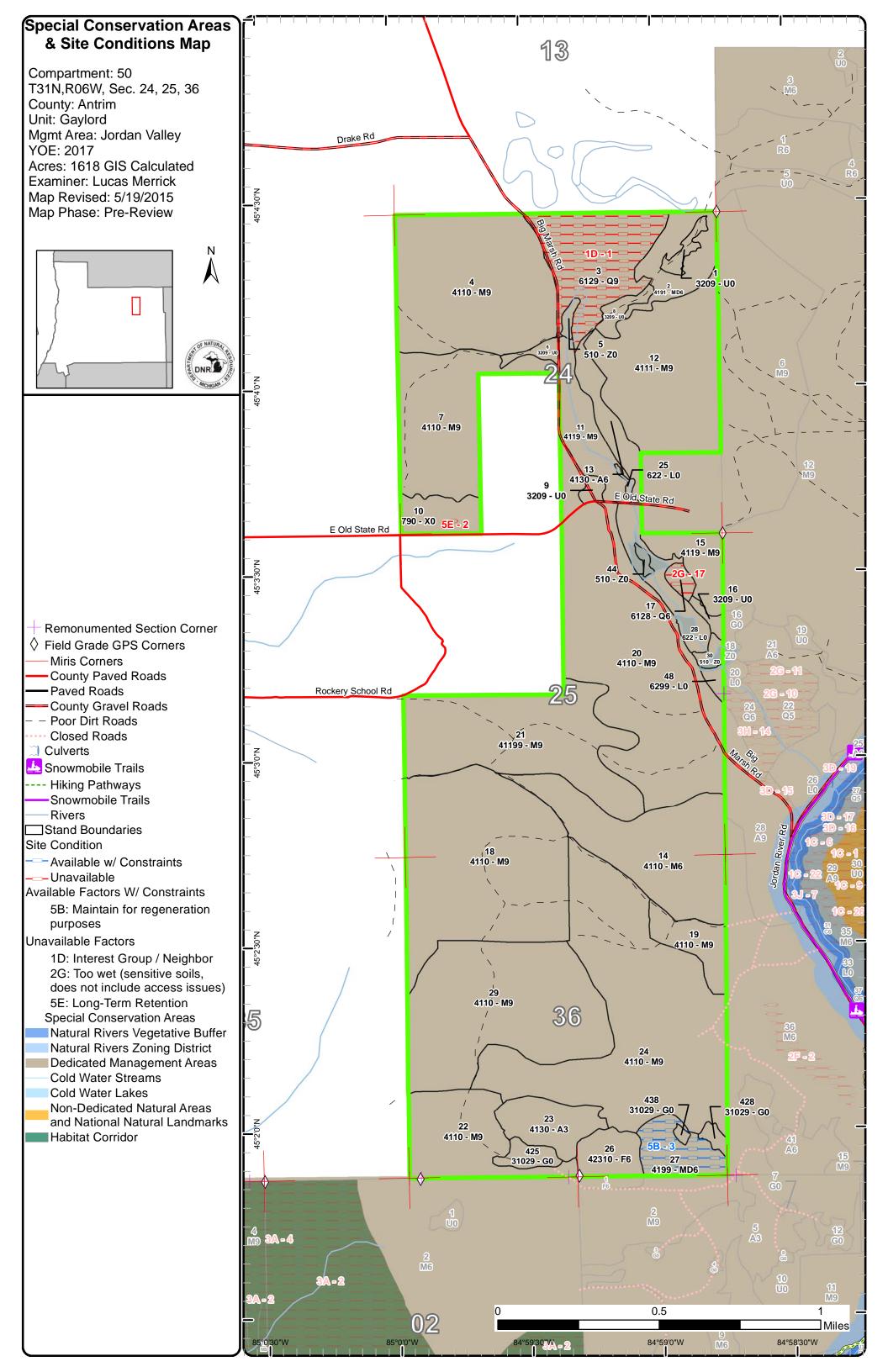
The following reports from the Inventory are attached:

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 50

Year of Entry 2017

Gaylord Mgt. Unit Lucas Merrick : Examiner



Age Class

	¥or	Kon C	3/2	87.5	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 / 1	8. S. S.	, 3 / 8	, 8° / ×	\$ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	80,00	\$ / ₆ /	00 Z	S. / S.	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	% / %	in the second	\$ Jue 3	No. No.
Aspen	0	0	27	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Bare/Sparsely Vegetated	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Herbaceous Openland	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	64	68
Lowland Shrub	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	28	51
Northern Hardwood	0	0	0	0	0	0	0	0	518	208	0	0	0	0	0	0	0	620	1346
Upland Shrub	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Upland Spruce/Fir	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	17
Water	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Total	87	0	27	0	18	0	17	0	518	231	4	0	0	0	0	0	0	712	1614



Report 2 – Treatment Summary

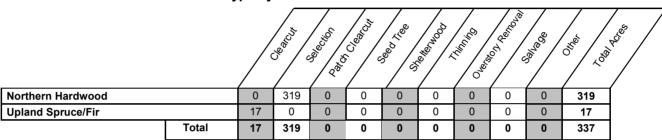
Gaylord Mgt. Unit Year of Entry: 2017

Acres of Harvest

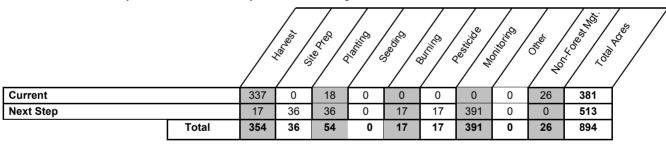
Compartment 50
Total Compartment Acres: 1,618

Commercial Harvest - 337 Harvests with Site Condition - 0 Next Step Harvest - 17 Habitat Cut - 45

Cover Type by Harvest Method



Proposed and Next Step Treatments by Harvest Method



Treatments:

Acceptable Northern hardwood species including sugar maple and basswood.

Regen:

Other Expected regen should be a mix of northern hardwoods species, dominated by sugar maple and basswood. Protect any stick nests if found

during marking and follow guidelines. Old next step comments: regen survey Comment:

Proposed Start Date: 10/1 /2015

52050001-NF 5.1 3209 - Upland Nonstocked Unspec NonForestMgt Other - Specify 320 - Upland Proposal Shrub (OI) ified Shrub

Habitat Cut: Yes Site Condition: None

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

Specs:

Next Step **Treatments:**

Acceptable Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

52050007-Cut 141-4119 - Mixed 79.1 4110 - Sugar Maple Sawtimber Harvest Single Tree Uneven-Proposal Association Well 170 Selection Northern Aged Hardwoods

Habitat Cut: No Site Condition: None

Prescription Select mark to reduce overall stand density to 80 sq.ft. BA/ac. Favor under represented species when marking. Don't mark on steep slopes. Specs:

Establish regeneration gaps where appropriate. Protect any stick nests if found during marking according to guidelines.

Next Step 1 - ; 2 - Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Sugar maple and its associated northern hardwood species.

Shrub (OI)

Regen:

Other Northern hardwood stand with low species diversity. Stand is developing into small diameter saw logs. Stand density ranges from 120 - 180

Comment: sq.ft BA/ac. with an overall average of 141 sq.ft BA/ac. Old next step comments:

Proposed Start Date: 10/1 /2016

52050008-NF 3209 - Upland Nonstocked Unspec NonForestMgt Other - Specify 320 - Upland Proposal

ified

Habitat Cut: Yes Site Condition: None

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

Specs:

Next Step

Treatments:

<u>Acceptable</u> Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016 Shrub

Gaylord Mgt. Unit Report 4 -- Treatments Compartment: 50 s Year of Entry: 2017 t а **Treatment** Size Stand BA **Treatment Treatment Cover Type** Acres Stand Age **Approval** n Name CoverType Density Age Range Type Method Objective Structure **Status** d 9 52050009-NF 3209 - Upland Unspec NonForestMgt 320 - Upland 3 4 Nonstocked Other - Specify Proposal Shrub (OI) ified Shrub **Habitat Cut: Yes** Site Condition: None Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast. Specs: Next Step Treatments: <u>Acceptable</u> Regen: Old next step comments: Other Comment: **Proposed Start Date:** 10/1 /2016 52050010-Initial Plant Proposal 10 184 790 - Other Nonstocked 0 Unspec **Planting** 4211 - Planted Even-Aged Bare/Sparsely ified Red Pine **Plant** Vegetated **Habitat Cut: Yes** Site Condition: None Prescription Stand has been harvested and the contract will be closed soon once last of wood is hauled. The small hardwood/aspen patch in the middle of the stand should be left as retention. Wildlife will also plant trees to provide hard and soft mast concentrated around the spring. Specs: 1 - SitePrep, Trenching; 2 - Planting, Initial Plant; 3 - Monitoring, Artificial Regen(1yr); 4 - Monitoring, Artificial Regen(3yr) Next Step **Treatments:** Acceptable Regeneration should be a well stocked planted red pine stand. Regen: Other A FTP has been submitted to TMS for planting. Old next step comments: Comment: 10/1 /2013 **Proposed Start Date:** 52050014-Cut 92.5 4110 - Sugar Maple Poletimber 141-Single Tree 411 - Northern Harvest Even-Aged Proposal Selection Association 170 Hardwood **Habitat Cut: No Site Condition:** None Prescription Selectively mark stand with a crop tree release. Create regeneration holes where appropriate. Promote diversity of species within stand by favoring minor component species. Mark accessible draws and ridge tops and leave steep slopes unmarked. Targeted residual density is 80 Specs: sq.ft. BA/ac. Next Step Treatments: Acceptable Northern hardwood species as noted in the canopy. Regen: Access stand from Jordan Valley Road gate. Protect any stick nests if found during marking according to guidelines. Consider access is off an Other

Comment: active snowmobile trail which might cause seasonal restrictions. Follow protocol for signage and protection of trail. Old next step comments:

Proposed Start Date: 10/1 /2016

52050016-NF 3.2 3209 - Upland Nonstocked Unspec NonForestMgt Other - Specify 310 -Proposal Herbaceous Shrub (OI) ified

Openland

Habitat Cut: Yes Site Condition: None

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

Specs:

Next Step Treatments:

<u>Acceptable</u> Regen:

Other

Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



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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	7
26	52050026-Cut	17.2	42310 - Planted Spruce	Poletimber Well	54	141- 170	Harvest	Clearcut	42110 - Planted Red Pine	Even-Aged	Proposal	

Habitat Cut: No Site Condition: None

Prescription Final harvest white spruce and reduce slash as much as possible. Re-plant with red pine, incorporating hard and/or soft mast shrub species.

Specs: Combine this stand with the spruce to the south in Compartment 58, stand 1 for the same harvest treatment.

Next Step 1 - Harvest, Clearcut; 2 - SitePrep, Trenching; 3 - Planting, Initial Plant; 4 - Monitoring, Artificial Regen(1yr); 5 - Monitoring, Artificial

Treatments: Regen(3yr)

Acceptable Red pine

Regen:

Other Stand is too remote to have a chip operation with difficult trucking route. Logging will be seasonally limited to avoid snowmobile season which is

Comment: located on the Jordan River Road. Follow guidelines for trail signage and protection of trail. Old next step comments:

Proposed Start Date: 10/1 /2016

29 52050029-Cut 142.8 4110 - Sugar Maple Sawtimber 77 141- Harvest Single Tree 411 - Northern Even-Aged Proposal

Association Well 170 Selection Hardwood

Habitat Cut: No Site Condition: None

<u>Prescription</u> Select mark stand with a crop tree release method. Create regeneration gaps where appropriate. Target residual = 80 sq.ft. BA/ac. Utilize contract specifications to ensure slopes are protected with brush and water bars as needed during logging operations. Protect any stick nests if

found during marking according to guidelines.

Next Step Treatments:

Acceptable A variety of northern hardwood species including sugar maple.

Regen:

Other Northern hardwood stand with an average stand density of 143 sq.ft. BA/ac. Stand would benefit from a selection harvest with the access from

Comment: the Jordan Valley Road locked gate to the northeast. Winter logging access will be limited due to an active snowmobile trail on the Jordan River

Road. Follow all trail specifications with signing and protection of the trail. Old next step comments:

Proposed Start Date: 10/1 /2016

425 52050425-NF 7.8 31029 - Grass (OI) Nonstocked Unspec NonForestMgt Other - Specify ified Herbaceous

illeu

Openland

Habitat Cut: Yes Site Condition: None

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

Specs:

Next Step

Treatments:

<u>Acceptable</u>

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

Total Treatment

Acreage Proposed:

381.1

Gaylord Mgt. Unit

Lucas Merrick : Examiner

Compartment: 50 Year of Entry: 2017

Dominant Site Conditions

	2G	5B	5E
Aspen			
Bare/Sparsely Vegetated			1

Aspen			
Bare/Sparsely Vegetated			1
Herbaceous Openland			
Lowland Conifers	4		
Lowland Shrub			
Mixed Upland Deciduous		23	
Northern Hardwood			
Upland Shrub			
Upland Spruce/Fir			
Water			
Total Forested Acres	4	23	1
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	1D: Interest Group / Neighbor	64	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified				
	Comments: Sierra Club nominated this stand to protect it for its unique hemlock nursery bed characteristics. It is a wet stand with larger diameter white pine, abundant hemlock, black spruce, and tamarack. Aesthetic value at entrance to a main gateway road to the Jordan Valley also.										
2	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified				
	Comments: Small island of hard	wood left as long term retenti	on when	spruce stand was final har	vested.						
3	Available	5B: Maintain for regeneration purposes	23	Unspecified	Unspecified	Unspecified	Unspecified				
	Comments: Excellent sugar map	ole understory.									

Report 5 – Site Conditions

Gaylord Mgt. Unit

Lucas Merrick : Examiner Year of Entry: 2017

17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified

Compartment: 50

Comments:

This small cedar and swamp conifer stand is surrounded by water with streams depositing water with associated wetland types in area. Some marsh and lowland brush.

Mgt. Unit

Compartment: #Type! Year of Entry:



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				

Gaylord Mgt. Unit Compartment: 50
Year of Entry 2017



Report 7 – 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.

Conservat Area	ion Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions stocked trout populations and those of other coldwater fish spec conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	ies to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions and those of other coldwater fish spectyear to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	ies (e.g., slimy sculpin) to persist from ese conditions due to substantial
SCA	Non-Dedicated Natural Areas and National Natural Landmarks	This category is comprised of those Natural, Wilderness and Wi proposed for legal dedication, but for which legal dedication by le nomination process is defined by Part 351, Wilderness and Natu Environmental Protection Act, 1994 PA 451. The program is admirequire the submittal of a Natural Areas Nomination Packet to the proposed sites in various stages of review. Final dedication of no Areas is accomplished through legislative action.	egislature has not occurred. The ural Areas, of the Natural Resources and ninistered by the DNR. Nominations e DNR. This is an active program, with
HCVA	Dedicated Management Areas	Such areas are dedicated by the DNR Director for specific manarules, as governed by Part 5, Department of Natural Resources, 324.504). Section 38 of the Administrative Procedures Act (MCL the promulgation of rules. This is an active program, with one proDNR.	of the NREPA (MCL 324.502(2) and 24.238) provides for public requests for
HCVA	Legally dedicated Natural Areas, Wilderness or Wild Areas	The nomination process is defined by Part 351, Wilderness and and Environmental Protection Act, 1994 PA 451. The program is require the submittal of a Natural Areas Nomination Packet to the proposed sites in various stages of review. Final dedication of no Areas is accomplished through legislative action.	administered by the DNR. Nominations e DNR. This is an active program, with
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spapproved distance from the river centerlines. The Natural Rivers most Natural Rivers. The Vegetative Buffer ranges from 25 to 1 and Vegetative Buffers for each Natural River see the table loca folder.	s Zoning District is a 400 foot buffer for 00 feet. To view specific Zoning Districts

S t	Gaylord	Gaylord Mgt. Unit				Stands Compartment: 50 Year of Entry: 2017	DNR DNR DNR
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	MICHIGAN .
2	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	28.2	54	51-80	This appears to be an old opening that is converting pine/hardwoods mix. Clumpy with lots of cherry. White pine regeneration. Patchy stocking by species	Significant
3	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	64.0	86	51-80	Unique stand with white pine, hemlock and black sp west, and tamarack in the east. Water table is rig surface with standing water in areas. 10 years ago, requested that this stand be protected from future lo it is a good hemlock nursery bed with abundant her size classes. This wet stand has aesthetic value of access road to the Jordan Valley & provides a dive component amidst a larger northern hardwood forest	ght at the Sierra Club ogging since mlock of all n a primary orse conifer
4	4110 - Sugar Maple Association	Sawtimber Well	127.9	83	81-110	Northern hardwood stand that was selectively cut Average stand density = 103 sq.ft. BA/ac. currer hardwood marking test plot was located in this stand Marsh Rd. A Goshawk was noted in this stand ove ago.	ntly. Old nd west of
7	4110 - Sugar Maple Association	Sawtimber Well	79.1	84	141-170	Northern hardwood stand with low species diversity should be limited to sugar maple and basswood. Do steep slopes. Stand is developing into small diamete Stand density ranges from 120 - 180 sq.ft BA/ac. with average of 141 sq.ft BA/ac.	on't mark on er saw logs.
11	4119 - Mixed Northern Hardwoods	Sawtimber Well	29.5	83	81-110	Brian Mastenbrook nominated this stand ten years a aside for amphibian habitat. The coarse woody de stand can be expected to provide valuable amphib along the adjacent wetland. Stand still provides a Coarse Woody Debris. Average stand density sq.ft.BA/ac.	bris in this ian habitat wealth of
12	4111 - S.Maple, Hard Mast Association	Sawtimber Well	103.6	80	81-110	Northern hardwood stand of which most of it was slogged in 2008, and the southern strip in 1999. Star log stand with more poles in the west. Average star 95 sq.ft. BA/ac.	nd is a small
13	4130 - Aspen	Poletimber Well	18.3	38	51-80	Significant balsam fir component at the south end. year old aspen stand, but has developed into a portion could be cut if needed for ACD, but otherwise recommended holding it.	ole stand.
14	4110 - Sugar Maple Association	Poletimber Well	92.5	77	141-170	Northern hardwood pole stand with some steep slop not workable. Stand would benefit from a thinning average stand density of 146 sq.ft. BA/ac. The east the stand has steep hills so the best approach would draws and ridge tops.	g with an two thirds of
15	4119 - Mixed Northern Hardwoods	Sawtimber Well	21.9	78	81-110	Small hardwood stand that has access issues due River drainage and water to the west, private land to and some hilly terrain with a creek at northeast corn stand density is 105 sq.ft. BA /ac. Variety of hardword that range from 8"dbh 12"dbh.	o the north, er. Current

s t	Gaylord	l Mgt. Unit		Report 8	– Forested	Stands Compartment: 50 Year of Entry: 2017
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
17	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	4.4	93	81-110	Small island of cedar and swamp conifer species surrounded by water. Streams from north and east deposit in this area. Patches of marsh and lowland brush in stand. stand density = 103 sq.ft.BA/ac.
18	4110 - Sugar Maple Association	Sawtimber Well	164.2	79	81-110	This stand was selectively logged in 2002, and currently has an average stand density of 96 sq.ft.BA/ac.
19	4110 - Sugar Maple Association	Sawtimber Well	20.9	80	81-110	Select cut completed on this stand leaving average stand density at 110 sq.ft. BA/ac. Very steep hills in this area made logging challenging in past. Small equipment with cable skidding utilized. Natural regeneration is adequate.
20	4110 - Sugar Maple Association	Sawtimber Well	187.6	80	81-110	This stand was selectively logged in 2014 (Out of YOE) with the contract currently open for sale closure details. The residual stand density is currently 92 sq.ft. BA/ac. due to leaving some steep hills with seeps & creek protected in stand.
21	41199 - Northern Hardwood (OI)	Sawtimber Well	115.8	178	51-80	OPIC - FMD: COMMERCIAL SELECT LOT HARVEST 1979. FDF POTENTIAL 2004: Has some inclusions of pole timber. 2010: Selection harvested in 09-10.
22	4110 - Sugar Maple Association	Sawtimber Well	55.0	77	81-110	Northern hardwood stand was selectively logged in 2001. Average stand density is currently 110 sq.ft. BA/ac. Natural regeneration is primarily beech and ironwood.
23	4130 - Aspen	Sapling Well	27.0	14	Immature	Final harvest with reserves completed in 2001.: The reserves was Red Oak mostly along north edge. Aspen regeneration is vigorous.
24	4110 - Sugar Maple Association	Sawtimber Well	206.1	77	81-110	Northern hardwood stand with severe slopes in many locations. Average stand density is currently 110 sq.ft. BA/ac. The majority of this stand has unworkable slopes which will affect future logging operations.
26	42310 - Planted Spruce	Poletimber Well	17.2	54	141-170	White spruce plantation with an average of 170 sq.ft. BA/ac and 10"dbh. Combine this stand with the spruce plantation in Compartment 58, stand 1. Access might require opening up a road to this stand from the west through the grassy opening leading to the main north-south trail road that leads to a gate off the Jordan River Road.
27	4199 - Other Mixed Upland Deciduous	Poletimber Well	23.2	82	81-110	Northern hardwood stand that has an average density of 93 sq.ft. BA/ac. and dominated by rock elm, poor quality hardwood poles, and basswood logs 14" dbh. Lots of sugar maple saplings in sub canopy.
29	4110 - Sugar Maple Association	Sawtimber Well	142.8	77	141-170	Northern hardwood stand with an average stand density of 143 sq.ft. BA/ac. Stand would benefit from a selection harvest with the access from the Jordan Valley Road locked gate to the northeast.

Compartment: 50 Year of Entry: 2017



Stand	Cover Type	Acres	Managed Site	General Comments:
1	3209 - Upland Shrub (OI)	5.1	Yes	Upland brush with aspen and hardwoods encroaching around the perimeter.
5	510- Water (OI)	2.4	No	Open water present due to beaver activity.
6	3209 - Upland Shrub (OI)	4.2	No	Scattered, poorly formed hardwoods and associated brush; patches of grass.
8	3209 - Upland Shrub (OI)	6.7	Yes	Upland brush with aspen and hardwoods are encroaching around the perimeter.
9	3209 - Upland Shrub (OI)	3.4	Yes	Small upland brush stand.
10	790 - Other Bare/Sparsely Vegetate	18.4	No	This stand was final harvested due to heavy white spruce mortality with a salvage sale. Sundown Spruce, 52-009-14-01. Open contract awaiting final decked wood to haul. FTP submitted to re-plant to red pine. Some hilly terrain, but still workable to establish another plantation.
16	3209 - Upland Shrub (OI)	3.2	Yes	Upland brush.
25	622 - Lowland Shrub	1.4	No	OPIC - FMD: 2004: The coarse woody debris in this stand can be expected to provide valuable amphibian habitat along the wetland and is being set aside for that purpose. 99 is cherry, ironwood.
28	622 - Lowland Shrub	22.6	No	OPIC - FMD: 2004: The coarse woody debris in this stand can be expected to provide valuable amphibian habitat along the wetland and is being set aside for that purpose. 99 is cherry, ironwood.
30	510- Water (OI)	3.8	No	Open water present due to beaver activity.
44	510- Water (OI)	1.7	No	Open water present due to beaver activity.
48	6299 - Lowland Shrub (OI)	3.4	No	Open water present. Beaver activity.
425	31029 - Grass (OI)	7.8	Yes	Natural opening.
428	31029 - Grass (OI)	3.2	No	Natural opening
438	31029 - Grass (OI)	1.2	No	Small opening surrounded by hardwoods.