Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52140
Entry Year 2020
Acreage: 489
County Cheboygan
Management Area: Emmet Moraines

Revision Date: 2018-05-31

Stand Examiner: Donald Stacks

Legal Description:

T36N R03W Sections 7, 8, and 18.

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:

Riggsville loamy sand, Au Gres sand, Blue Lakes loamy sand, Roscommon muck, and Kinross mucky sand on flat ground.

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

Private ownership and residences exist on all sides of the compartment, with a fairly large block of contiguous ownership adjacent to the north belonging to the University of Michigan. Much of the private ownership is wooded. Several active farms are located nearby.

Unique Natural Features:

Past observations include Woodland vole, little brown bat, aquatic snail, Michigan monkey flower, and Eastern flat-whorl.

Archeological, Historical, and Cultural Features:

None listed.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

This compartment is adjacent to Burt Lake, and contains a small unnamed tributary to that lake. This tributary is classified as a warm transitional stream, meaning it supports primarily warm water fish species, but is cool enough to hold a few trout. The prescriptions are appropriate for the protection of these waterbodies.

Wildlife Habitat Considerations:

This small compartment receives hunting pressure due to the easy access and proximity to the Burt Lake area. Harvests in aspen types will help maintain age class diversity for grouse, woodcock, turkey, and deer. There are two openings that should be maintained for wildlife benefits.

Mineral Resource and Development Concerns and/or Restrictions

The nearest active sand/gravel pit is located three miles to the west. There appears to be some sand & gravel potential within the compartment, but there is also abundant clay. There is no known oil and gas potential in the area and there is currently no active mineral leasing.

Vehicle Access:

Two county roads and numerous forest trail roads provide access into the compartment in sections 7 and 8. Access is limited into the southwest portion of section 18 to the south because of private ownership and poorly drained soil on adjacent state-owned land.

Survey Needs:

None expected.

Recreational Facilities and Opportunities:

No designated trails are found within the compartment.

Fire Protection:

The Pellston DNR Field Office and the Village of Pellston VFD are located 5 miles to the northwest.

Additional Compartment Information:

The following reports from the Inventory are attached:

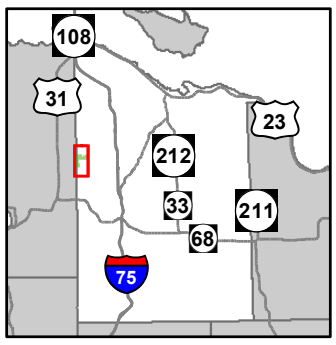
- **Total Acres by Cover Type and Age Class**
- **Cover Type by Harvest Method**
- **Proposed Treatments – No Limiting Factors**
- **Proposed Treatments – With Limiting Factors**
- **Stand Details (Forested and Nonforested)**
- **Dedicated and Proposed Special Conservation Areas**
- **Site Condition 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: 140
T36N, R03W, Sec. 7, 8, 18
County: Cheboygan
Unit: Gaylord
Mgmt Area: Emmet Moraines
YOE: 2020
Acres: 489 GIS Calculated
Examiner: Donald Stacks
Map Revised: 10/1/2018
Map Phase: Post-Review



N

- Miris Corners
- Remonumented Section Corners
- Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Other Treatment - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 421 - Planted Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- Lakes

Stand Boundary Map

Compartment: 140
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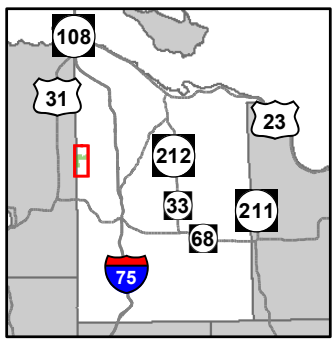

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- Compartment Boundary
- Stand Boundaries
  - 411 - Northern Hardwood
  - 413 - Aspen Types
  - 421 - Planted Pines
  - 611 - Lowland Deciduous Forest
  - 612 - Lowland Coniferous Forest
  - 310 - Herbaceous Openland
  - 320 - Upland Shrub

Special Conservation Areas & Site Conditions Map

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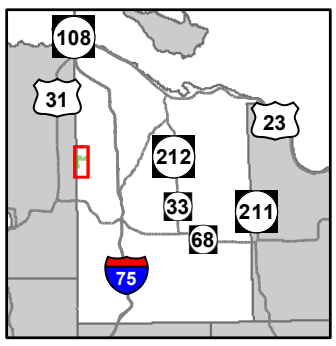

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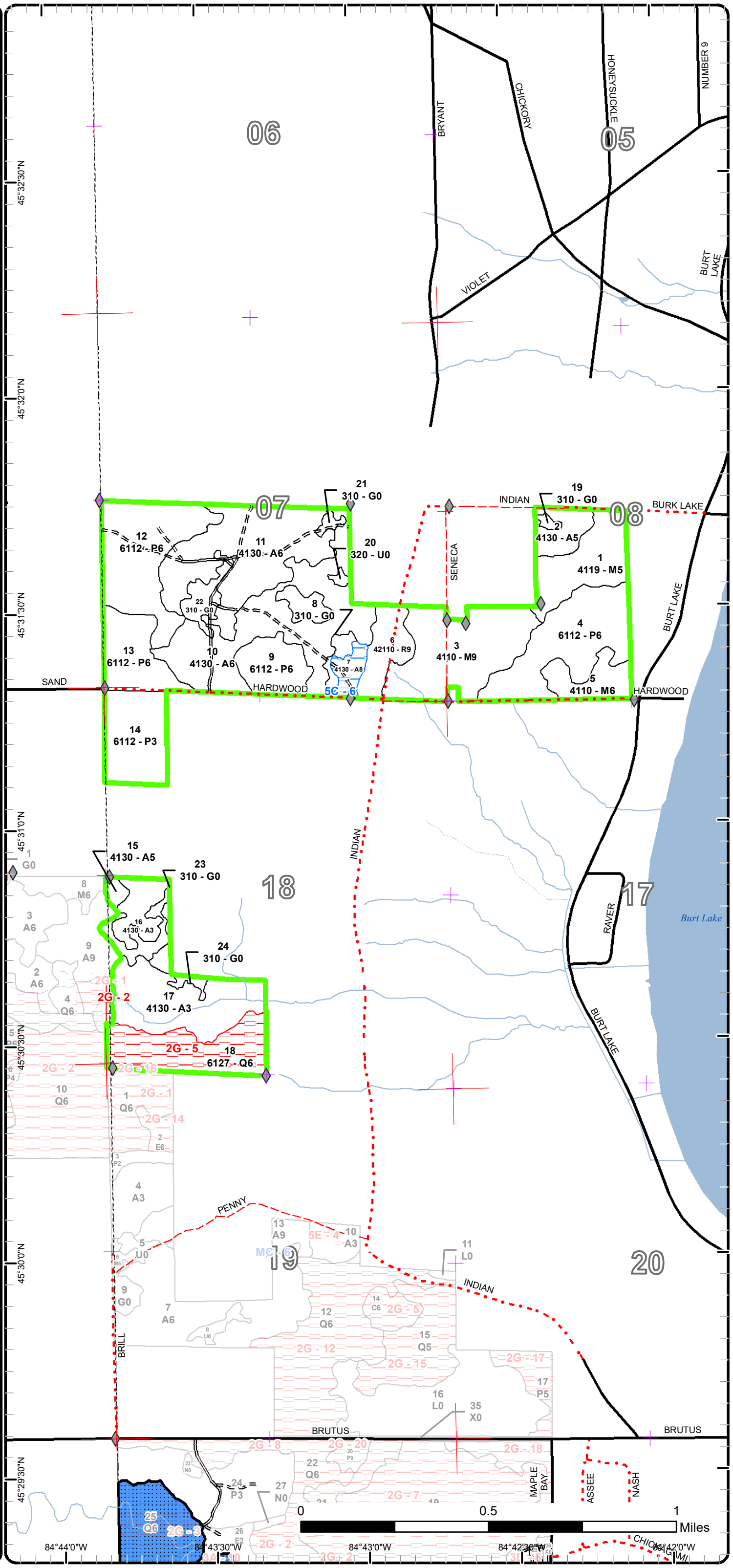
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- Stand Boundaries
- SCA
- Cold Water Streams
- Riparian Area



Report 1 – Total Acres by Cover Type and Age Class

Gaylord Mgt. Unit **Compartment 140 Year of Entry 2020**

Donald Stacks : Examiner

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	0	0	48	10	115	6	0	0	5	0	0	0	0	0	0	0	0	**183**
Herbaceous Openland	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**23**
Lowland Aspen/Balsam Poplar	0	0	0	26	41	85	0	0	0	0	0	0	0	0	0	0	0	0	**152**
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	**32**
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	85	0	0	0	0	0	0	0	**85**
Red Pine	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	**14**
Upland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
Total	**24**	**0**	**0**	**74**	**51**	**200**	**20**	**0**	**0**	**5**	**85**	**32**	**0**	**0**	**0**	**0**	**0**	**0**	**490**

Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2020

Acres of Harvest

Compartment 140

Total Compartment Acres: 489

Commercial Harvest - 129

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**
Lowland Aspen/Balsam Poplar	63	0	0	0	0	0	0	0	0	**63**
Northern Hardwood	0	47	0	0	0	0	0	0	0	**47**
Red Pine	0	0	0	0	0	14	0	0	0	**14**
Total	**68**	**47**	**0**	**0**	**0**	**14**	**0**	**0**	**0**	**129**

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	129	0	0	0	0	0	0	0	11	**140**
Next Step	0	0	0	0	0	0	115	0	0	**115**
Total	**129**	**0**	**0**	**0**	**0**	**0**	**115**	**0**	**11**	**255**

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
3	52140003-SelCut	46.7	4110 - Sugar Maple Association	Sawtimber Well	91	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition:**

Prescription Specs: MARK AND THIN STAND DOWN TO ABOUT 75 SQ. FT. OF BASAL AREA. RELEASE DESIRABLE CROP TREES AND CREATE A 100 - 150' CANOPY GAP EVERY 4-6 ACRES. INCLUDE ANY ASPEN CLONES AS PART OF THESE CANOPY GAPS. NO HARVEST ACTIVITY DURING BARK SLIP SEASON. NO OTHER SEASONAL HARVEST RESTRICITIONS EXIST FOR THIS STAND.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: A MIX OF NORTHERN HARDWOOD SPECIES.

Other Comment:

Proposed Start Date: 10/1 /2019

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
6	52140006-RPThin	14.0	42110 - Planted Red Pine	Sawtimber Well	55	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition:**

Prescription Specs: MARK AND THIN STAND TO 120 SQ. FT. BA. CONCENTRATE MARKING ON LARGER DIAMETER SAWLOGS, SUPPRESSED, AND POOR FORMED TREES. NO HARVEST OPERATIONS DURING BARKSLIP SEASON.

Next Step Treatments:

Acceptable Regen: N/A

Other Comment:

Proposed Start Date: 10/1 /2019

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
8	52140008-NF	3.6	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No **Site Condition:**

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

Next Step Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date: 10/1 /2019

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
12	52140012-CCutRet	42.1	6112 - Lowland Aspen	Poletimber Well	45	51-80	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition:**

Prescription Specs: Harvest all trees 2" and greater at DBH, except incidental white pine, hemlock, oak, and black cherry. Harvest operations should take place during mid-late winter during frozen conditions or mid-late summer when soil will be at it's driest point. All equipment should use tracks to reduce soil damage. Leave a couple uncut retention islands, possibly around wetter areas. Mark 6-12 trees to be felled and left intact on site to serve as grouse drumming logs.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: A mix of lowland aspen/conifers.

Other Comment:

Proposed Start Date: 10/1 /2019

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
13	52140013-CCut	21.1	6112 - Lowland Aspen	Poletimber Well	45	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition:**

Prescription Specs: Harvest all trees 2" and greater at DBH, except incidental white pine, hemlock, oak, and black cherry. Harvest operations should take place during mid-late winter during frozen conditions or mid-late summer when soil will be at it's driest point. All equipment should use tracks to reduce soil damage. No uncut retention islands will be utilized because of windthrow potential and smaller stand acreage. Mark 6-12 trees to be felled and left intact on site to serve as grouse drumming logs.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: A mix of aspen, red maple, and balsam fir.

Other Comment:

Proposed Start Date: 10/1 /2019

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
15	52140015-CCut	5.1	4130 - Aspen	Poletimber Medium	83	51-80	Harvest	Clearcut	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition:**

Prescription Specs: Cut all trees 2" and larger at DBH except incidental black cherry, hemlock, cedar, and white pine. Add to Umbellus Aspen sale (52-105-15), which is an active winter cut only sale. Stand will be harvested during the winter of 2018-2019.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: A moderate to fully stocked stand of mixed aspen/northern hardwood.

Other Comment:

Proposed Start Date: 10/1 /2018

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
22	52140022-NF	7.5	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No **Site Condition:**

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

Next Step Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date: 10/1 /2019

Total Treatment Acreage Proposed: 140.1

Report 4 – Site Conditions

Gaylord Mgt. Unit

Donald Stacks : Examiner

Compartment: 140

Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	*Acres Avail With Condition*	Acres Not Available		Dominant Site Conditions *5C*	2G
183	177	***6***	0	**Aspen**	***6***	
23	23	***0***	0	**Herbaceous Openland**		
152	152	***0***	0	**Lowland Aspen/Balsam Poplar**		
32	0	***0***	32	**Lowland Conifers**		32
85	85	***0***	0	**Northern Hardwood**		
14	14	***0***	0	**Red Pine**		
1	1	***0***	0	**Upland Shrub**		
489	452	***6***	32	Total Forested Acres	***6***	32
	92%	***1%***	6%	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
2	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	1	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
	Comments:						
5	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	32	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
	Comments:						
6	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4119 - Mixed Northern Hardwoods	Poletimber Medium	25.0	91	51-80	LESSER QUALITY HARDWOOD STAND, POORLY STOCKED OVERSTORY, DENSE ADVANCED SAPLING REGEN. PRESENT BA IS ABOUT 60 SQ. FT. WHITE ASH AND BLACK ASH SHOWING MORTALITY, SOME TREES ARE STILL ALIVE. BLACK ASH IN UNDERSTORY. INCIDENTAL HEMLOCK SAWTIMBER FOUND SCATTERED THROUGHOUT STAND, AS WELL AS OCCASIONAL ASPEN. STANDING WATER PRESENT IN STAND AT VARIOUS TIMES OF THE YEAR. MANAGE FOR DEVELOPING UNDERSTORY, WHICH HAS A MEDIUM STOCKED SUGAR MAPLE COMPONENT PRESENT.
2	4130 - Aspen	Poletimber Medium	9.6	36	1-50	SPARSE, SMALLER DIAMETER QUAKING ASPEN POLETIMBER STAND, (BA IS ABOUT 40 SQ. FT PRESENTLY), FROM A 1982 FINAL HARVEST LOCATED ON AN UPLAND SITE WITH PERIODS OF STANDING WATER PRESENT. ABUNDANT BLACK ASH IS FOUND IN THE UNDERSTORY AT VARIABLE HEIGHTS, SOME OF WHICH IS DEAD OR DYING. ASH POLETIMBER IS ALMOST ALL DEAD. CONTINUE TO MANAGE THIS STAND FOR ASPEN. FINAL HARVEST IN 20 YEARS DURING WINTER SEASON TO HELP REDUCE SOIL RUTTING FROM EQUIPMENT.
3	4110 - Sugar Maple Association	Sawtimber Well	46.7	91	111-140	HIGH QUALITY N. HARDWOOD STAND, MOSTLY SUGAR MAPLE SAWTIMBER. MANY LARGER DIAMETERS. PRESENT BA IS 118 SQ. FT. PRESCRIBE A SELECTION HARVEST THIS Y.O.E. ADJACENT TO HARDWOOD AND INDIAN RDS.
4	6112 - Lowland Aspen	Poletimber Well	41.2	36	51-80	DENSE ASPEN REGEN, MOSTLY SMALLER POLETIMBER, FROM 1982 FINAL HARVEST. LOCATED ON MOSTLY WET GROUND. CONTINUE TO MANAGE FOR ASPEN COVER. FINAL HARVEST, DURING WINTER SEASON, IN 20 YEARS.
5	4110 - Sugar Maple Association	Poletimber Well	12.8	90	51-80	LESSER QUALITY HARDWOOD. LOWER BASAL AREA (63 SQ. FT.)AND SMALLER DIAMETERS AT PRESENT. WHITE ASH AND BEECH DEAD AND DYING. FAIRLY HEAVY ADVANCED REGEN IN UNDERSTORY. SOIL WET IN PLACES FROM MULTIPLE SEEPS.
6	42110 - Planted Red Pine	Sawtimber Well	14.0	55	141-170	SMALL ACREAGE RED PINE PLANTATION IN TRANSITION FROM POLETIMBER TO BOLTWOOD AND SAWTIMBER. STAND WAS ROW-THINNED IN 2002 AND RECEIVED A MARKED THINNING IN 2012. PRESENT BA IS 162 SQ. FT. PRESCRIBE 2ND MARKED THINNING THIS Y.O.E. FINAL HARVEST AND RE-PLANT RED PINE IN 10 - 20 YEARS. ALSO, WHEN FINAL HARVEST DOES TAKE PLACE IN STAND 6, FINAL HARVEST STAND 7 AT THAT TIME AND EXPAND RED PINE PLANTATION INTO STANDS 7 AND 8.
7	4130 - Aspen	Sawtimber Medium	5.8	59	81-110	Small mixed stand of BTA sawtimber and hardwood/quaking aspen poletimber with a few sawlog trees present. Average stand BA is about 80 sq. ft. Harvest this stand next Y.O.E. with Stands 9 and 10 and manage for aspen or harvest when Stand 6 is cut in 20 years and convert it to red pine MO.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
9	6112 - Lowland Aspen	Poletimber Well	21.4	45	81-110	Stand consists of a mix of quaking aspen, balsam fir, and red maple on seasonally poorly drained soil. Sparse, scattered northern white cedar is also present. A fair amount of standing water is present. Present BA is 103 sq. ft. Stand is just 44 years old but is part of a contiguous 200 acre block of aspen that was all cut in 1974. The goal is to create three age classes in this block by harvesting roughly a third of the area over a twenty year period. Harvest Stand 9 along with Stand 10 next Y.O.E.
10	4130 - Aspen	Poletimber Well	59.5	45	51-80	Stand consists of mostly quaking aspen poletimber, with scattered balsam fir and mixed hardwood poletimber on an upland site. Incidental red oak is present also. Adjacent to Hardwood Rd. Present BA is 56 sq. ft. Stand is 44 years old but is part of a contiguous 200 acre block of aspen that was all cut in 1974. The goal is to create three age classes in this block by harvesting roughly a third of the area over a twenty year period. Stands 12 and 13, to the west, are prescribed for harvest this Y.O.E. Stand 11, adjacent to the NW, will be harvested in about 20 years. Prescribe Stand 10 for harvest next Y.O.E., along with Stands 7 and 9.
11	4130 - Aspen	Poletimber Well	55.0	45	111-140	Stand consists of mostly well-stocked big-toothed aspen and quaking aspen poletimber, with lesser amounts of sugar maple and red maple, and sparse scattered beech and red oak, on an upland site. Present BA is 112 sq. ft. Stand is 44 years old but is part of a contiguous 200 acre block of aspen that was all cut in 1974. The goal is to create three age classes in this block by harvesting roughly a third of the area over a twenty year period. Adjacent stands will be harvested in the next two entry years. Hold this stand for 20 years, then prescribe final harvest with mixed aspen MO.
12	6112 - Lowland Aspen	Poletimber Well	42.1	45	51-80	Stand consists of a mix of mostly quaking aspen and balsam fir poletimber, with scattered red maple, balsam poplar, and cedar on seasonally wet, poorly drained soil. Present BA is 70 sq. ft. Stand is just 44 years old but is part of a contiguous 200 acre block of aspen that was all cut in 1974. The goal is to create three age classes in this block by harvesting roughly a third of the area over a twenty year period. Harvest Stand 12 and Stand 13, which is adjacent to the south, this Y.O.E. Adjacent to private ownership to the west.
13	6112 - Lowland Aspen	Poletimber Well	21.1	45	81-110	Stand consists of a mix of quaking aspen, balsam fir, and red maple on seasonally poorly drained soil. Present BA is 84 sq. ft. Stand is just 44 years old but is part of a contiguous 200 acre block of aspen that was all cut in 1974. The goal is to create three age classes in this block by harvesting roughly a third of the area over a twenty year period. Harvest Stand 13 and Stand 12, which is adjacent to the north, this Y.O.E. Adjacent to Hardwood Rd. and private ownership.
14	6112 - Lowland Aspen	Sapling Well	26.2	25	Immature	FAIRLY DENSE ASPEN/HARDWOOD REGEN ON WET SOIL, FROM 1993 FINAL HARVEST. TAG ALDER UNDERSTORY. FINAL HARVEST IN 30 YEARS.
15	4130 - Aspen	Poletimber Medium	5.1	83	51-80	Small stand of mixed aspen/red maple. Harvest this stand by adding it as an addendum to the active timber sale in Compartment 130, if agreed to by the producer.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
16	4130 - Aspen	Sapling Well	11.1	24	Immature	FAIRLY DENSE ASPEN REGEN FROM 1994 FINAL HARVEST. FINAL HARVEST IN 30 YEARS. ACCESS WILL HAVE TO BE AQUIRED THROUGH PRIVATE PROPERTY.
17	4130 - Aspen	Sapling Well	37.0	24	Immature	DENSE ASPEN REGEN FROM 1994 FINAL HARVEST. ACCESS TO THIS STAND WILL HAVE TO BE GAINED THROUGH PRIVATE PROPERTY. DRAINAGE RUNS EAST THROUGH SOUTHERN PORTION OF STAND. MANAGE FOR ASPEN. FINAL HARVEST IN 30 YEARS.
18	6127 - Lowland Pine	Poletimber Well	31.8	100	81-110	STAND CONSISTS OF MOSTLY VARIABLE SIZED WHITE PINE AND RED MAPLE POLETIMBER ON POORLY DRAINED SOIL, TOO WET FOR EQUIPMENT WITHOUT EXTREME SOIL RUTTING. LESSER AMOUNTS OF ASPEN AND PAPER BIRCH ARE PRESENT ALSO BUT ARE DECLINING WITH AGE. MANAGE THIS STAND FOR WHITE PINE COMPONENT. STAND PROVIDES GOOD THERMAL COVER ADJACENT TO YOUNG UPLAND ASPEN STAND TO THE NORTH.

Report 8 – Nonforested Stands

Stand	Cover Type	Acres	Managed Site	General Comments:
8	310 - Herbaceous Openland	3.6	No	GRASS OPENING WITH SPARSE ASPEN AND HARDWOOD PRESENT.
19	310 - Herbaceous Openland	1.1	No	GRASS OPENING. ENCROACHING ASPEN. A FEW APPLE TREES PRESENT. MULTIPLE SEEPS FLOWING THROUGH STAND.
20	320 - Upland Shrub	1.0	No	UPLAND BRUSH WITH ENCROACHING ASPEN. HAWTHORN PRESENT. SITE CONTAINS WET AREAS.
21	310 - Herbaceous Openland	1.6	No	GRASS OPENING WITH ENCROACHING ASPEN.
22	310 - Herbaceous Openland	7.5	No	GRASS OPENING WITH ENCROACHING ASPEN AND HARDWOOD. APPLE TREES PRESENT THAT WOULD BENEFIT FROM PRUNING.
23	310 - Herbaceous Openland	7.1	No	GRASS OPENING WITH SCATTERED ASPEN AND HARDWOOD. DENSE FERN GROWTH.
24	310 - Herbaceous Openland	1.8	No	SMALL GRASS OPENING WITH ENCROACHING SAPLINGS. DENSE FERN GROWTH.