

Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 50 Entry Year 2016 Acreage: 1,232 County Roscommon Management Area: AuSable Outwash

Revision Date: 04/24/2014

Stand Examiner: Dale Ekdom

Legal Description:

T24N R01W Sections 25 and 36

Identified Planning Goals:

Maintain current age and species diversity in a range of early and late successional ecosystems as determined by the Au Sable Outwash Management Area plan.

Soil and topography:

Terrain is mostly flat to gently rolling. Soils are Grayling sands and Ottawa loamy sands on the drier uplands and Newton loamy sands on the lower, wetter areas of the compartment.

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

Compartment is a solid block of state land with the exception of the NENE of Section 36 and is entirely surrounded by state land. Private land use in the area consists of farmland and wooded acres with permanent residences or vacant wooded parcels used for hunting.

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:

Several un-named intermittent drains in the north end of Section 36 and several smaller wet potholes and Bear Lake in the north end of section 25.

Wildlife Habitat Considerations:

Maintain ecosystem diversity in the compartment via habitat manipulation to benefit game species such as deer, grouse, rabbits, and turkeys, as well as other non-game species.

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 200 and 400 feet. Beneath the glacial drift are the Mississippian Marshall Sandstone and Coldwater Shale. The Marshall has been used as a building stone in the past. Most of the good gravel pits are associated with upland areas. The nearest gravel pit is located in Section 26 and potential appears to be good in Section 25. St. Helen Field is located one mile to the west. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation, and is in secondary recovery operations currently. The north half of Section 25 is currently leased and held by production.

Vehicle Access:

Access is excellent to the exterior of the compartment via county roads and the snowmobile trail but there are few forest roads leading through the interior of the compartment.

Survey Needs:

A survey may be necessary on the NENE Section 36 if any of the stands surrounding this private parcel are treated.

Recreational Facilities and Opportunities:

Compartment contains portions of the Ogemaw Hills snowmobile trail and the compartment is heavily used for deer, turkey, small game, and upland bird hunting. Two segments of designated Snowmobile trails and the Midland to Mackinaw

hiking trail traverse thru the compartment. The snowmobile trail is located on seasonal county roads. Assure warning signs are placed on the trail regarding logging activity. Focus any retention pockets or clusters along or near trail where feasible. All sign posts shall be protected. Limit stacking of timber along the trail. Ensure logging activity does not obliterate the trail. All stumps within 20 feet of the snowmobile trail should be Flush-Cut or cut as low as possible to ensure stumps do not result in unsafe conditions. The snowmobile trail is likely to be used for hauling. If harvest activities occur during the snowmobile season of December 1 thru March 31, a snow bed must be preserved. Placement of material on the trail due to icy conditions will need to be approved by the department.

Fire Protection:

Compartment is within the Zone 3 fire dispatch area but compartment cover types are heavy to hardwood and there are numerous natural and man-made fire breaks such as section line roads to slow fire spread. There are some jackpine stands within this compartment. Access is generally good.

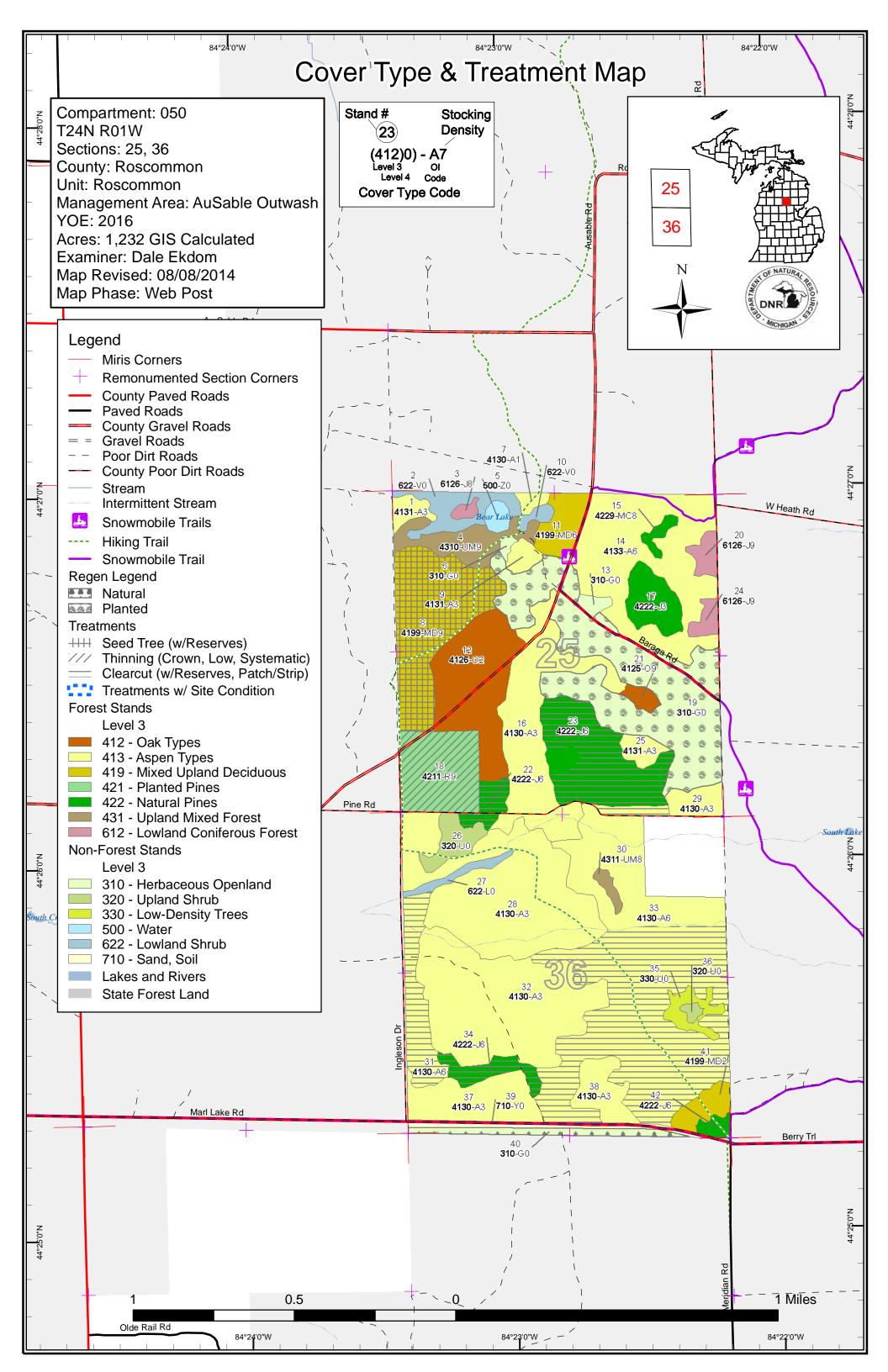
Additional Compartment Information:

Proposed treatments this year-of-entry include 39 acres of thinnings in red pine cover types, 68 acres of seed tree harvests in oak cover types, and 259 acres of final harvests in aspen and jack pine cover-types.

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

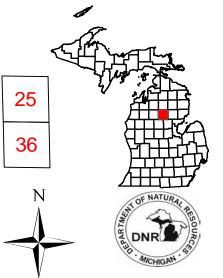


Stand Boundary Map

Compartment: 050 T24N R01W Sections: 25, 36 County: Roscommon Unit: Roscommon Management Area: AuSable Outwash YOE: 2016 Acres: 1,232 GIS Calculated Examiner: Dale Ekdom Map Revised: 08/08/2014 Map Phase: Web Post Au Sable

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



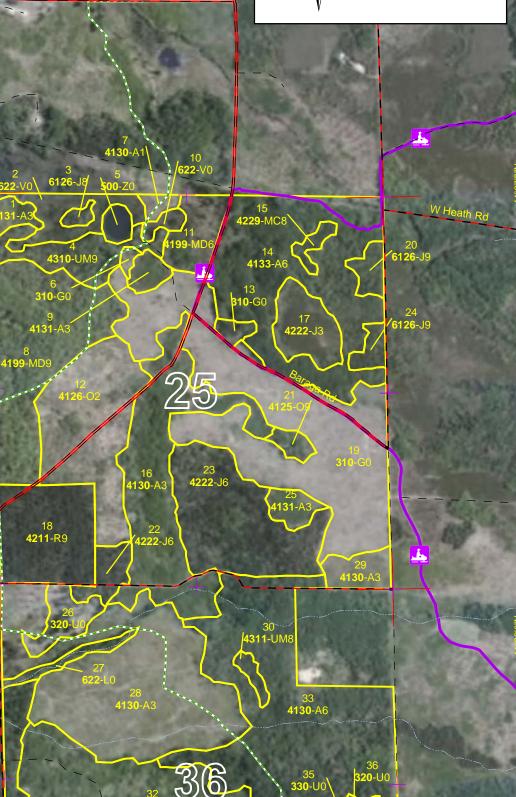


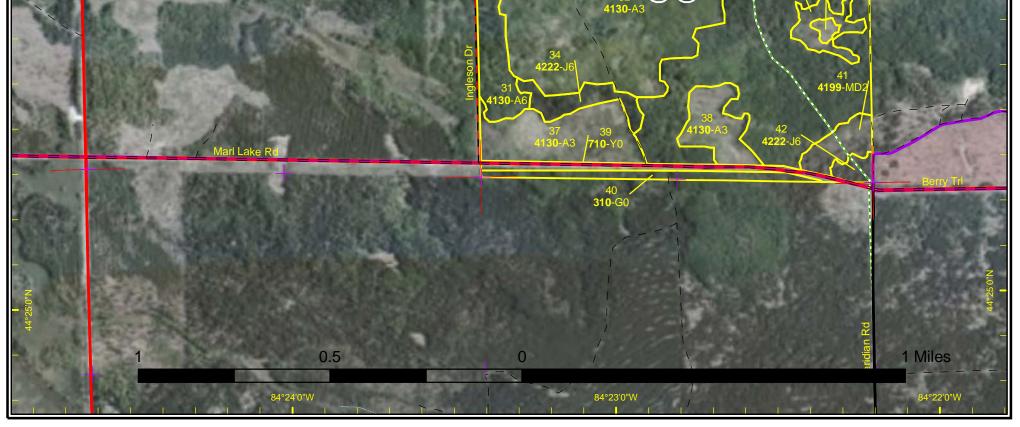
84°22'0"W

Legend

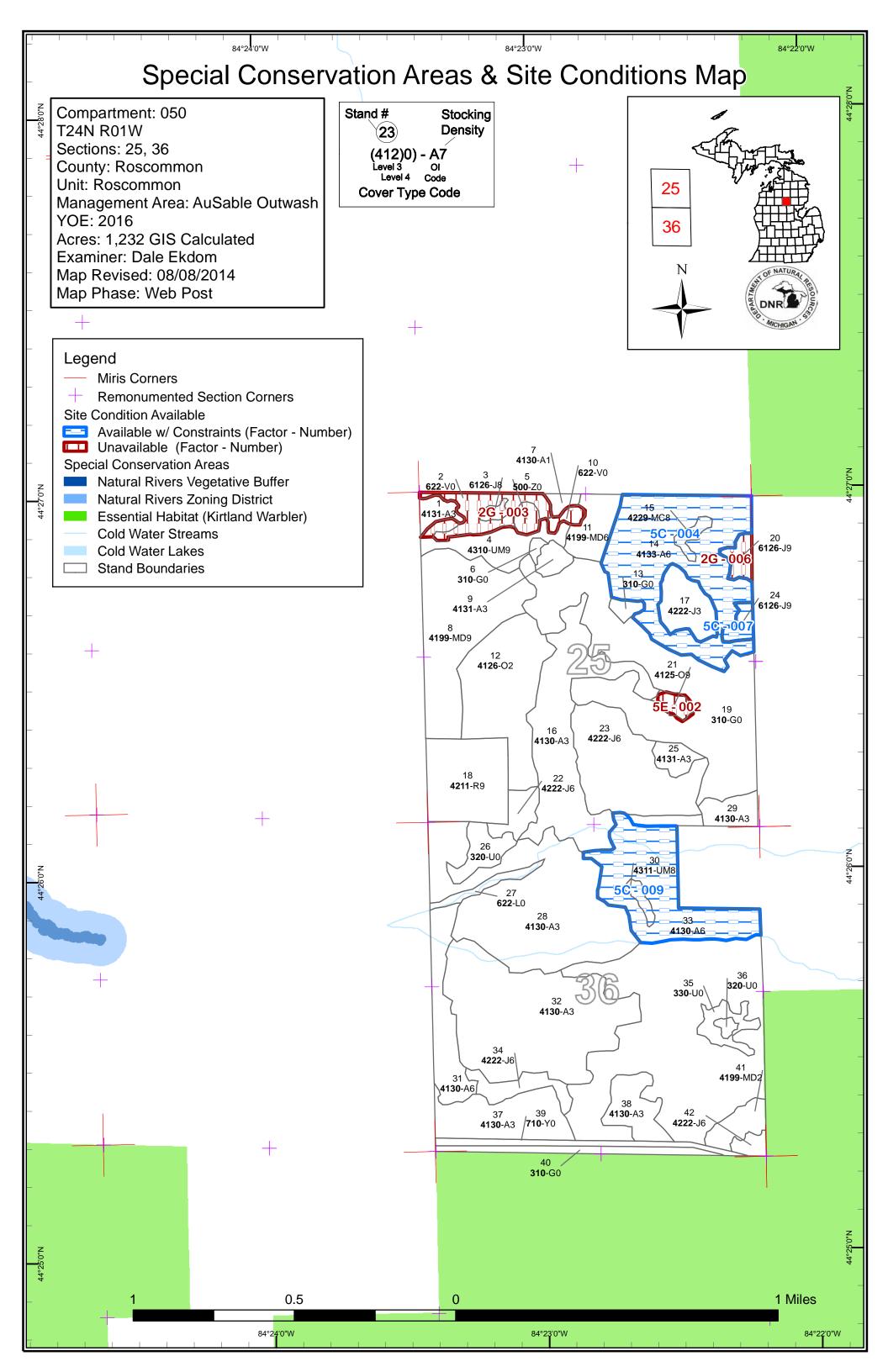
12

- **Miris Corners**
- **Remonumented Section Corners**
- **County Paved Roads**
- Paved Roads
- **County Gravel Roads**
- Gravel Roads = =
- Poor Dirt Roads
- **County Poor Dirt Roads** Stream
- Intermittent Stream
- <u>4</u> **Snowmobile Trails**
- ----**Hiking Trail**
 - **Snowmobile Trail**
 - **Stand Boundaries**





Pine Rd



Report 1 – Total Acres by Cover Type and Age Class

Roscommon Mgt. Unit

Dale Ekdom : Examiner

Compartment 050 Year of Entry 2016



Age (Class
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	/	/	/	/	/	/	/	/	/	/	/	/	/	/ ~		/
Aspen	138	229	0	0	335	0	0	0	0	0	0	0	0	0	702	
Bog	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19	
Herbaceous Openland	138	0	0	0	0	0	0	0	0	0	0	0	0	0	138	
Jack Pine	0	18	0	0	60	0	19	13	0	0	0	0	0	0	110	
Low-Density Trees	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
Lowland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Mixed Upland Deciduous	0	0	25	0	0	0	0	0	67	0	0	0	0	0	93	[
Natural Mixed Pines	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	
Oak	0	57	0	0	0	0	0	4	0	0	0	0	0	0	61	
Red Pine	0	0	0	0	0	0	0	40	0	0	0	0	0	0	40	
Sand, Soil	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
Upland Mixed Forest	0	0	0	0	0	0	0	3	21	0	0	0	0	0	24	
Upland Shrub	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13	
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Total	337	304	25	0	395	0	19	63	88	0	0	0	0	0	1232	ĺ



· MICHIGAN ·	Roscommon Mgt. Unit Year of Entry 2016								Compartment Total Compartment Acres:	
			Acr	es by T	reatm	ent Ty	vpe			
	Commercial Harvest - 366	Tree Planting - 63		Other -	0					
	Habitat Cut - 0	Opening Maintenar	nce - 0							
			Co	ver Tyj	oe by l	Harves	st Met	nod		
		,	C. C	Gelection	00 17 00 17 00 7 00 7 00 7 00 7 00	and the second s	Chinese Chines	SQ LOO		
	Aspen Types		187 0	0	0	0	0	187		
	Mixed Upland Deciduou	IS	0 0	67	0	0	0	67		
	Mixed Upland Deciduou Natural Pines	S	0 0 71 0	67 0	0	0	0	67 71		
		IS			0 0 0	0 0 40	0 0 0			

Compartment: 050 Roscommon Mat. Unit **Report 3 -- Treatments Prescribed** Year of Entry 2016 with No Limiting Factor S t а Treatment Acres CoverType Size Stand BA Treatment Treatment **Cover Type** Approval n Density Method Objective Name Age Range Status Туре d 71050008-Cut 4199 - Other Mixed High 81-110 4199 - Other Mixed 8 67.5 85 Harvest Seed Tree with Cmpt. Review Upland Deciduous Upland Deciduous Density Log Reserves Proposal Prescription remove all red maple, aspen, jack pine, and oak using a 4" spec but mark 20-40 SF of well crowned oaks to leave and also leave all R/W pine for Specs: diversity, manage for a oak/RM/aspen/pine mix Other accept whatever regeneration occurs to a fully stocked stand, plant RP in areas not fully stocked, leave buffer on bogs/bowls in the north part of the stand for retention, may need to re-mark the MTM trail before or after the sale Comments: Next regeneration check Steps: Proposed Start Date: 10/01/2015 42211 - Natural Red Cmpt. Review 18 71050018-Cut 39.7 42110 - Planted High 76 141-170 Harvest Low Thinning Red Pine Density Log Pine, Mixed Proposal Deciduous Prescription thin from below and remove defect to improve stand quality, target BA is 110 SF/Acre, remove suppressed, double tops, crook, and double trees first Specs: and then thin any remaining to the target BA Other Comments: manage for utility poles in future YOE's <u>Next</u> Steps: Proposed 10/01/2015 Start Date: 42211 - Natural Red Harvest 71050022-Cut 8.6 42220 - Natural High 61 Clearcut Cmpt. Review 22 Jack Pine Density Pine, Mixed Proposal Pole Deciduous Prescription harvest and regenerate to red pine Specs: No retention of jack pine due age of the jack pine and size of the stand, mark up to 2 well crowned oaks per acre for mast, trench around any areas Other heavy to aspen/oak regeneration Comments: Next trench and plant red pine Steps: Proposed Start Date: 10/01/2015 42221 - Natural 42141 - Planted 71050023-Cut 51.9 High 48 Clearcut with Cmpt. Review 23 Harvest Mixed Pine, Mixed Proposal Jack Pine, Mixed Density Reserves Deciduous Pole Deciduous Prescription final harvest and trench/plant red pine Specs: Other leave out areas heavy to red pine especially if a treatable stand in future YOE's can be made of them, A6 between this stand and Pine Road should Comments: be cut for ease of management, leave up to 2 well crowned oak per acre for diversity and mast, line out 3 half acre interior islands for retention/visual on extension of Pine Road trench and plant red pine in those areas which do not come back to aspen (A3) or oak(O3) <u>Next</u> Steps: Proposed Start Date: 10/01/2015

S t		Roscomm	on Mgt. Unit	Repo			ents Prescri ing Factor	bed	Compartment: 050 Year of Entry 2016	DR NATURAL RE
a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
31	71050031-Cut	26.2	4130 - Aspen	High Density Pole	49		Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal
Presc Spece		aspen mgt bu	t leave all oak and m	ark some R/	W pine fo	or diversity,				
<u>Other</u> Comr	leave o <u>ments:</u>	ut swale at no	orth end and a half ac	re island on	the sout	h end for re	etention			
<u>Next</u> Steps	<u>:</u>									
Propos Start D)15								
33	71050033-Cut	156.8	4130 - Aspen	High Density Pole	49		Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal
Presc Spece	•	rvest for aspe	n management, encr	oach into St	and #35	where appi	opriate to elimina	ate fingers especial	lly where aspen will rege	enerate
<u>Other</u> <u>Comr</u> <u>Next</u> <u>Steps</u>	nents: north-w to 2 R/\ drumm	est for retenti	on, buffer "U/G" type re for diversity, use a	where appro	opriate fo	or protection	n of "U/G" and re	tention, leave all oa	nd visual, leave the narr ak for diversity and wildli ke Road. AND the MTM	fe mast and up
Propos Start D)15								
33	71050033- Cut1_small	4.4	4130 - Aspen	High Density Pole	49		Harvest	Clearcut	413 - Aspen	Cmpt. Review Proposal
Presc Spec:	<u>rription</u> final ha <u>s:</u>	rvest for aspe	n management							
<u>Other</u> Comr	no reter ments:	ntion due to si	ze and shape of the	treatment, m	ark up to	o one oak p	er acre for wildlif	e mast		
<u>Next</u> Steps	<u>::</u>									
Propos Start D)15								
34	71050034-Cut	10.8	42220 - Natural Jack Pine	High Density Pole	60		Harvest	Clearcut	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal
Presc Specs		rvest and rege	enerate to jack pine							
<u>Other</u> Comr	no reter <u>nents:</u>	ntion due to th	ne small/narrow size o	of the stand,	parts wil	l fill in with a	aspen and these	A3 spots should no	ot be trenched	
<u>Next</u> Steps	trench/p	plant JP								
Propos Start D)15								
	Total Treatme creage Propos		9							

S t		Roscommon	n Mgt. Unit	Repoi			ents Prescribed ondition	1	Compartment: 050 Year of Entry 2016	DI NATURAL PRISOURCE
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 Comn	<u>:</u>									
<u>Next</u> Steps	<u>.</u>									
<u>Propo</u> Start [
<u>Limitir</u>	ng Factor									
Ac	Total Treatme reage Propos									

Roscommon Mgt. Unit

Compartment 050 Year of Entry 2016

Dale Ekdom : Examiner

Availability for Management

Tota	I Acres	Acres		Domina	nt Site	e Cono	ditions
Acres	s Available	Not Available		No	5E	5C	2G
701	701		Aspen	554		147	
110	102	8	Jack Pine	97		5	8
92	92		Mixed Upland Deciduous	92			
4	4		Natural Mixed Pines			4	
61	58	4	Oak	58	4		
40	40		Red Pine	40			
24	22	2	Upland Mixed Forest	19		3	2
1,032	2 1,018	14	Total Forested Acres	859	4	159	10
-	99%	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.

	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	Not Available	5E: Long Term Retention	4				
C	Comments:						
003	Not Available	2G: Too wet (sensitive soils, does not include access issues)	27				
C	Comments:						
004	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	93				
C	Comments:						

		mmon Mgt. Unit Ekdom : Examiner		Report 5 – Site Conditions	Compartment 050 Year of Entry 2016
006	Not Available	2G: Too wet (sensitive soils, does not include access issues)	6	5B: Maintain for regeneration purposes	
C	omments:				
007	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5		
C	omments:				
009	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	61		
C	omments:				



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

Compartment: 050 Year of Entry 2016



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.

Conservatio Area	n 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 physic sites of cultural and historical significance that may occur upo bottomlands. They include thousands of Native American sett and British outposts, nineteenth century logging camps, mine the Great Lakes, there are shipwrecks and other remains doc be identified by Natural heritage data from the State Historic F this compartment will be implemented in such a manner as to the sensitive nature of this information, no further detail about	on terrestrial areas and Great Lakes tlements and burial sites, as well as French es and homesteads. Beneath the waters of cumenting the maritime trade. Such sites may Preservation Office. Proposed treatments in o maintain the integrity of these sites. Due to
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen co stocked trout populations and those of other coldwater fish sp year to year. Coldwater streams in Michigan typically provide contributions of groundwater to their stream flows. Such streat designated as trout resources by Fisheries Order 210.	becies (e.g., slimy sculpin) to persist from these conditions due to substantial
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and co U.S. Fish and Wildlife service for the recovery of threatened a Part 365, Endangered Species Protection, of the Natural Res 1994 PA 451, and the Federal Endangered Species Act of 19 species plans in various stages of review. As of now only two Plover Habitat.	and endangered species, as governed by ources and Environmental Protection Act, 73. This is an active program, with proposed

S t	Roscommo	n Mgt. Unit		Report 8	– Forested	Stands Compartment: 050 Year of Entry: 2016
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4131 - Aspen, Oak	High Density Sapling	5.7	16		A3 cut in 1997
3	6126 - Lowland Jack Pine	Medium Density Log	2.2	79		small island of jack pine on small rise surounded by swamp/treed bog, good stand to leave for wildlife, thermal cover, etc.
4	4310 - Pine, Oak Mix	High Density Log	20.9	85	81-110	oak sawlogs with jack pine poles/SL's, W3 understory in most of stand except for east part and west arm, west part of stand has several bowls which are more open and the east part is oak SL and jack pine poles with scattered RM poles and red maple understory, more open parts of stand have oak sarting in the understory, stand is somewhat 2 aged going towards all aged, good stand to leave and let white pine takeover and will also serve as a buffer on the bog/lake complex to the north, midland to mackinac boy scout trail goes thru the stand
7	4130 - Aspen	Low Density Sapling	3.1	11		cut with stand to the north in 71047, mix of aspen, oak, and red maple
8	4199 - Other Mixed Upland Deciduous	High Density Log	67.5	85	81-110	O9 stand, spots appear to have been thinned in 1980's but no records were found, terrain is rolling except for the north end which slopes to the north and has several bowls, somewhat less dense on south end with heavy red maple understory which appears to be 20-30 years old, north end has higher density of merchantable trees but a more open understory, understory red maple is not quite pole-size and the merchantable maple is fairly small yet, some oak started in the understory in spots, there is scattered solitary aspen and small aspen clones thru-out stand, aspen/oak/jack pine is declining with lots of blowdown/slash on the ground, lots of legal and illegal firewood cutting, should cut now, midland to mackinac boy scout trail is on west edge and also runs thru the stand SW to NE, Kotar is PArVVb/PArVHa
9	4131 - Aspen, Oak	High Density Sapling	5.2	16		cut in 1997, nice A3 stand, growing well, fairly equal mix of aspen, oak, and red maple
11	4199 - Other Mixed Upland Deciduous	High Density Pole	14.8	26		brushy areas of O2 interspersed with areas of J5/6 and A3, 2 aged stand which appears to have been cut to 4" spec in mid to late 1980's, aspen almost pole size
12	4126 - White, Black, N. Pin Oak	Medium Density	57.4	16		cut 1997, regenerated well in a few spots to A3, most spots are sparse oak, red maple, jack pine, and pin cherry
14	4133 - Aspen, Mixed Pine	High Density Pole	89.5	48		mostly trembling aspen but a few clones of BTA, scattered pines thru-out stand and heavy to red pine SL on north end along snowmobile trail, scattered upland brush areas and/or lowland brush areas, most apsen growing well but a few small ares have hypoxylon just starting, cut or hold 10 years
15	42290 - Natural Mixed Pine	Medium Density Log	3.6	79	141-170	mix of jack pine, red pine, and hardwoods on a upland site but with a water table close to the surface, RP growing well, JP slowly declining, south part blocked off from north part by narrow drainage of "L", south part slightly lower and marginally wetter with more jack pine, some white pine in the understory but mostly red maple saplings

S t	Roscommor	n Mgt. Unit		Report 8	– Forested	Stands Compartment: 050 Year of Entry: 2016
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
16	4130 - Aspen	High Density Sapling	69.9	16		cut 1997, left scattered pole/SL size oak, mostly A3 but with a few sparse spots
17	42220 - Natural Jack Pine	High Density Sapling	17.5	16		Jack pine cut in 1997, appears to be natural jack pine regeneration
18	42110 - Planted Red Pine	High Density Log	39.7	76	141-170	thinned in 1997 by removing hardwoods and jack pine, needs to be thinned again
20	6126 - Lowland Jack Pine	High Density Log	5.8	79		hummocky ground with mature and over-mature jack pine, 2 aged with heavy understory of W3 thru-out stand, poor access w/o major road work and stand is seasonally wet with a high water table, tried to cut stand last YOE but it never dried up enough, good stand to leave for wildlife and let convert to WP on its own
21	4125 - Black, N. Pin Oak	High Density Log	4.0	71	51-80	stand was left as retention when suronding oak/JP/aspen stand was cut in 2008, stand is on a ridge/knoll overlooking the snowmobile trail, mix of oak SL's, solitary aspen SL's, and small pole-size aspen clones, some oak mortality occuring, retain for mostly visual until surrounding stands mature, age of oak is from parent stand which was cut last YOE
22	42220 - Natural Jack Pine	High Density Pole	8.6	61		jack pine with red pine and scattered oak, harvest and regenerate to jack pine or red pine, stand possibly regenerated from fire
23	42221 - Natural Jack Pine, Mixed Deciduous	High Density Pole	56.2	48		areas of mostly jack pine intermixed with areas of mostly aspen, some larger pockets of mostly RP also, youngest jack pine is 1965 YOO and nist jack pine is declining, trembling aspen doing okay but is low quality, whatever treatment is done, this stand will be mix of A/O/J/R, Kotar is PArVHa/PVCd
24	6126 - Lowland Jack Pine	High Density Log	4.9	79		hummocky ground with mature and over-mature jack pine over immature hardwoods, 2 aged, possibly under-burned in mid 1960's, poor access w/o major road work and stand is seasonally wet with a high water table, good stand to leave for wildlife stand as its converting to hardwoods on its own OR cut in 10-20 years when hardwood understory is more merchantable
25	4131 - Aspen, Oak	High Density Sapling	6.7	16		A3 cut 1997
28	4130 - Aspen	High Density Sapling	111.7	6		cut 2007, scattered conifers left also, regenerated well to 3 in most spots
29	4130 - Aspen	High Density Sapling	9.7	5		cut 2008 with adjacent jack pine stand to the north but came back to A3, hence it was not planted to jack pine, has small inclusion of W3W6 on south end towards the east side
30	4311 - Pine, Aspen Mix	Medium Density Log	3.1	79		mix of jack pine and hardwoods w/scattered red pine, upland stand, TA/JP is low quality

S t	Roscommo	n Mgt. Unit		Report 8	– Forested	Stands	Compartment: 050 Year of Entry: 2016	DNR DNR
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range		General Comments:	HICHIGAN .
31	4130 - Aspen	High Density Pole	26.2	49		This stand is a long and skir the 1997 cut to the east an to be regenerated as oldes cut by low/wet sw	d ranges from A6 to A9,	stand needs ng, north end
32	4130 - Aspen	High Density Sapling	105.8	16			1997, stand has a few so s and some large areas o ush/"G" types	
33	4130 - Aspen	High Density Pole	219.1	49		parts of this stand are pur hardwoods and pine, north to be doing marginally bet	part around private prop	erty appears
34	42220 - Natural Jack Pine	High Density Pole	10.8	60		j6 stand going towards J9, a to pole and sawlog size a scattered oak sawlogs, lo stand should be regenerate pine and managed for a	aspen, rest of stand is JP ots of deer beds/tracks in	poles with this stand, back to jack
37	4130 - Aspen	High Density Sapling	32.7	16		5	d well to A3 in most spots are more sparse jack pine th scattered red pine pole	and oak
38	4130 - Aspen	High Density Sapling	16.5	6		cut in 2007 and rege	nerated well to mix of asp	pen/oak
41	4199 - Other Mixed Upland Deciduous	Medium Density	10.3	26		type as "U" type last YOE heavy to jack pine and the areas, appears to have bee	e rest is hardwood sapling	s or brushy
42	42220 - Natural Jack Pine	High Density Pole	3.9	41		yonger jack pine stand cor naturally but still growing w other jack p		

Roscommon Mgt. Unit

Report 9 – Nonforested Stands

Compartment: 050

Year of Entry: 2016

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	6225 - Bog	16.0	No	Unspecified	
5	50 - Water	4.1	No	Unspecified	Bear Lake
6	3102 - Grass	1.5	No	Unspecified	
10	6225 - Bog	3.1	No	Unspecified	
13	3105 - Mixed Upland Herbaceous	3.1	No	Unspecified	
19	3105 - Mixed Upland Herbaceous	122.4	Plantation	Jack Pine	Clearcut in 2008 and planted to jack pine in 2010, not forested yet
26	3205 - Mixed Upland Shrub	11.1	No	Unspecified	low density trees/upland shrub, scattered areas heavy to conifers
27	6229 - Mixed lowland shrub	5.3	No	Unspecified	lowland shrub with scattered aspen
35	3303 - Mixed Low Density Trees	8.7	No	Low	low density aspen and jack pine poles scattered within upland brush, could cut part of this with south part of surrounding stand
36	3205 - Mixed Upland Shrub	1.8	No	Unspecified	upland shrub/"G"
39	710 - Sand, Soil	10.7	No	Unspecified	Marl Lake Road/Powerline ROW
40	3105 - Mixed Upland Herbaceous	11.3	Natural Regen	Aspen	Cut in 2013, scattered red pine poles and SL left, harvested with stand to south in 71051 for aspen management