



**PIGEON RIVER COUNTRY MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT 7 ENTRY YEAR: 2013

Compartment Acreage: 2349

County: Cheboygan

Review Date:

October 6, 2011

Stand Examiner:

Rick McDonald

Legal Description:

T33N - R01W sections 6, 7, 18

RMU (if applicable):

Not Applicable

Management Goals:

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment.

Soil and Topography:

Terrain is flat to gently rolling with the uplands comprised of primarily well-drained Cheboygan-Blue Lakes Ass. and Au Gres-Rubicon-Roscommon Assoc.

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

Nearly all state-owned lands bordering private to the west. The recently acquired Hackett Lake property (which is technically not in the PRC boundary) has been put into this compartment for management purposes.

Unique, Natural Features (include only non-site specific and non-sensitive information):

None identified.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):

None identified.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

Newly acquired Hackett Lake will offer a walk-in fishing opportunity, however it is not supposed to be a high quality fishery.

Wildlife Habitat Considerations:

Please refer to Wildlife Biologist's comments.

Mineral Resource and Development Concerns and/or Restrictions:

Sections 6, 7 & 18, T33N-R1W, Cheboygan County

Surface sediments consist of coarse textured glacial till and minor glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 50 and 200 feet. Beneath the glacial drift is the Devonian Antrim Shale and Traverse Group, quarried for stone and cement products elsewhere in the State. The nearest gravel pit is three miles to the northeast, and potential is considered low in this area. No oil and gas leases remain after 2001. There is no oil and gas potential for known producing formations in this compartment.

Vehicle Access:

There is good access to most, if not all, of the compartment. Most of the forest roads, however, have been closed to wheeled motorized vehicles with virtually all those closures still intact. At the moment there are issues with ORV's and other traffic getting into the Hackett Lake property.

Survey Needs:

None required.

Recreational Facilities and Opportunities:

No developed recreational facilities or trails exist in this compartment and none are needed.

Fire Protection:

Access is generally good in case of any fire suppression efforts, though the area is generally at low risk to any wildfire potential. Most road systems are closed with berms.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 7

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	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	150-159	All Aged	Total
Aspen			155	393	107	113		183	130	8									1089
Bog or Marsh	4																		4
Cedar			11						10	11	2	11				13			58
Grass	29				13														42
Jack Pine						6													6
LowInd Brush	27			26															53
LowInd Poplr								7											7
Marsh	6																		6
Mx Swmp Cnfr									5	2	69	26							102
Red Pine									16										16
Swamp Hrdwds								7	17	49									73
Tamarack								8											8
Upland Brush				4															4
Upland Hdwds								46	91									584	721
Water	31																		31
White Pine				9					6	3	23				88				129
Total	97		166	432	120	119		251	275	73	94	37			88	13		584	2349

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 7

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	1089																										1089
V Bog or Marsh			4																								4
C Cedar				58																							58
G Grass					42																						42
J Jack Pine							6																				6
L Lowlnd Brush									53																		53
P Lowlnd Poplr										7																	7
N Marsh											6																6
Q Mx Swmp Cnfr												102															102
R Red Pine																16											16
E Swamp Hrdwds																				73							73
T Tamarack																						8					8
U Upland Brush																								4			4
M Upland Hdwds																									721		721
Z Water																									31		31
W White Pine																										129	129
Total	1089		4	58	42		6		53	7	6	102			16					73	8		4	721	31	129	2349

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 7

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	16313 Cds	Hardwood	1644 Cds
Hardwood	4262 Mbf	Hardwood	314 Mbf
Softwood	3119 Cds	Softwood	130 Cds
Softwood	2003 Mbf	Sum CutVol	2402 Cds
Sum TotVol	31962 Cds		
Total Cmpnt Acres		Acres Proposed For Cut.....	130
2349		Acres Meeting Silv Criteria.....	570
		Acres Not Meeting Silv Criteria.....	1779
		Acres Unable to Determine Silv Criteria For.....	

**Proposed Treatments
With Limiting Factors**

Compartment:

Entry Year:

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FD Status
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TREATMENT LIMITING FACTORS:

Total Acres..... #Error

PIGEON RIVER COUNTRY MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 7

Entry Year: 2013

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status	
69	A6	93	73	60	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1		Stand with FDF potential	
comnts Fmd : Notify PRCAC of intent to harvest area over 40 acres. Agreed upon at Pre-review to harvesting with no retention. Instead, a new stand will be created on the west edge that will serve as a landscape-level retention area.											
77	A6	30	71	60	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1			
comnts Fmd : It was agreed upon at Pre-review to harvest with no retention. Aspen is the objective, but any combination of species will be acceptable for successful regeneration.											
80	A6	7	69	60	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1			
comnts Fmd : Aspen is the objective, but any combination species will be acceptable to meet regeneration requirements. It was agreed upon at Pre-review to harvest without any in-stand retention.											
400	G0	17	0		GRASS	NONSTOCKED		0	OPENING MAINTENANCE		
comnts Fmd : Managed wildlife opening											
408	G0	9	28	60	GRASS	NONSTOCKED		0	OPENING MAINTENANCE		
comnts Fmd : Scattered aspen and white pine. Biologists recommended mechanically removing scattered trees in the opening in order to maintain this stand as an opening.											
Total Acres.....		156									

PIGEON RIVER COUNTRY MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 7

Entry Year: 2013

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status	
69	A6	93	73	60	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1		Stand with FDF potential	
comnts Fmd : Notify PRCAC of intent to harvest area over 40 acres. Agreed upon at Pre-review to harvesting with no retention. Instead, a new stand will be created on the west edge that will serve as a landscape-level retention area.											
77	A6	30	71	60	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1			
comnts Fmd : It was agreed upon at Pre-review to harvest with no retention. Aspen is the objective, but any combination of species will be acceptable for successful regeneration.											
80	A6	7	69	60	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1			
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comnts Fmd : Scattered aspen and white pine. Biologists recommended mechanically removing scattered trees in the opening in order to maintain this stand as an opening.											
Total Acres.....		156									

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
1	A 3	A 3	28	15	1	0	58	aspen (upland)	immature	N		40-49 years	0	
2	M 6	M 1	13		8	70	57	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Aspen is dying, good soft snags.														
3	A 3	A 3	31	23	2	0	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : SCATTERED CEDAR PATCHES														
4	A 5	W 2	13	44	5	40	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Stand is emerging into pole-size stand.														
5	J 5	F 1	6	44	6	50	50	jack pine	immature	N		20-29 years	0	
6	A 3	A 3	41	25	3	0	48	aspen (upland)	immature	N		20-29 years	0	
7	T 4	L 0	8	62	6	30	42	tamarack	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : BEAVER FLOOD HAS KILLED ALL BUT THE TAMARACK														
8	W 9	F 1	6	89	13	110	66	white pine	immature	N		10-19 years	0	
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate)														
comnts Fmd : Stand was treated with stand 9 and had the Aspen and hardwood removed.														
9	A 3	A 3	22	16	1	0	63	aspen (upland)	immature	N		40-49 years	0	
10	W 9	A 1	17	93	16	80	62	white pine	immature	N		20-29 years	0	
comnts Fmd : Stand was cut with stand 11 and had the Aspen, hardwood cut out. Hold tp treat with stand 8. It also supplies some diverse cover.														
11	A 3	A 3	16	25	3	0	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Part of stand along stand 27 has had Aspen removed by beavers. White Pine remains.														
12	L 0	L 0	6	25		0	55	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Lowland that was cut with stand 10 & 11, but didn't regenerate well. There is some young fir starting to grow in.														
13	E 5	E 1	21	81	8	50	48	swamp hardwoods	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trmt. Period	Harvest Priority	Cultural Need
14	A 3	A 3	38	28	3	40	55	aspen (upland)	immature	N		20-29 years	0	
15	C 6	F 1	2	96	9	100	34	cedar	immature	N		20-29 years	0	
comnts Fmd : SOME BLOWDOWN OCCURING IN SOUTH END														
16	A 3	A 3	21	17	2	0	58	aspen (upland)	immature	N		40-49 years	0	
17	W 9	F 1	3	87	14	90	55	white pine	mature	N		20-29 years	0	
comnts Fmd : Isolated pocket of mature white pine with a good understory of cedar.														
18	C 5	A 3	11	15	7	40	58	cedar	two aged	N		40-49 years	0	
comnts Fmd : This stand was cut with stand 1, but has a significant component of cedar that was left. This stand is somewhat low and wet. Aspen coming back decent.														
19	A 3	A 3	35	25	2	0	58	aspen (upland)	immature	N		20-29 years	0	
20	A 3	A 3	29	18	1	0	58	aspen (upland)	immature	N		40-49 years	0	
21	W 6	F 1	6	72	9	130	52	white pine	immature	N		20-29 years	0	
<u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments) Inadequate volume due to small acreage														
comnts Fmd : Aspen component is old and rotten. Plenty of opportunity for cavity nesters.														
22	P 5	F 1	7	66	9	50	50	balsam poplar & swamp aspen and swamp white birch	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Wet ground														
23	A 3	A 3	18	23	3	0	50	aspen (upland)	immature	N		20-29 years	0	
24	Q 6	F 2	41	88	9	70	60	mixed swamp conifer	mature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
25	E 5	E 2	28	85	9	50	46	swamp hardwoods	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Water quality/bmps														
comnts Fmd : Intermittent stream runs north through stand. There was an old beaver dam along creek, but it has drained.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
26	Q 6	L 0	5	75	8	80	35	mixed swamp conifer	mature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
Water quality/bmps														
comnts Fmd : Some mortality due to flooding by beavers.														
27	L 0	L 0	16			0	35	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Old beaver flooding on upper end has drained.														
28	N 0	N 0	1			0	35	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Old beaver flooding area. Creek running through it.														
29	A 3	A 3	10	18	3	0	68	aspen (upland)	immature	N		40-49 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : This stand was cut with stand 29 and had all species removed except some marked white pine.														
31	A 3	A 3	27	25	3	0	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Eastside of stand has had a lot of young aspen removed by beavers.														
32	A 3	A 3	10	14	1	0	65	aspen (upland)	immature	N		40-49 years	0	
33	L 0	L 0	20	23		0	68	lowland brush	nonstocked	N		not scheduled	0	
34	A 3	A 3	22	23	3	0	68	aspen (upland)	immature	N		20-29 years	0	
35	A 5	F 1	2	43	6	60	68	aspen (upland)	immature	N		not scheduled	0	
comnts Fmd : Everything around this stand has been cut. Save for retention purposes.														
36	Q 5	S 3	18	89	6	50	31	mixed swamp conifer	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
37	A 3	A 3	19	25	3	0	65	aspen (upland)	immature	N		20-29 years	0	
38	Q 5	F 1	26	101	8	60	38	mixed swamp conifer	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														

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Stand	Cover Type-Size Dnsty	Under Story-Strng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
39	C 6	F 1	5	101	8	70	38	cedar	immature	N		not scheduled	0	
40	W 9	F 1	84	134	18	140	60	white pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Quiet area/natural area/wilderness comnts Fmd : Formerly nominated as a Pine Natural Area. Under current designations, it should be nominated as an Ecological Reference Area (ERA). No treatment recommended.</p>														
41	C 6	F 1	6	99	8	70	36	cedar	immature	N		not scheduled	0	
42	A 3	A 3	43	26	3	0	70	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Elk browsing has created some holes.</p>														
43	A 9	F 2	8	80	12	110	65	aspen (upland)	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
44	A 2	A 2	13	16	1	0	65	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Regeneration is patchy. There is a couple of wet holes in stand. One is a small pond in the middle.</p>														
45	U 0	U 0	4	26		0	62	upland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This stand was part of stand 61, but browsing has eliminated the aspen component from this area. Some scattered Oak, but mostly cherry exists now.</p>														
46	C 6	E 2	13	146	8	90	30	cedar	low quality	N		not scheduled	0	
<p>comnts Fmd : Low wet drainage</p>														
47	A 3	A 3	7	26	0	0	59	aspen (upland)	immature	N		20-29 years	0	
48	A 2	A 2	34	16	2	0	65	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Some wet areas throughout the stand resulting in poor regeneration.</p>														
49	A 5	A 2	98	39	7	60	65	aspen (upland)	immature	N		10-19 years	0	
50	W 2	W 2	9	25	4	0	50	white pine	immature	N		50-59 years	0	
<p>comnts Fmd : Stand was cut with stand 37, but Aspen failed in this area and White Pine is taking over.</p>														
51	A 3	A 3	5	22	3	0	60	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Severe Elk browsing damage. Stand is part of larger stand to the east.</p>														

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Stand	Cover Type-Size Dnsty	Under Story-Strng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
52	A 3	A 3	36	26	3	0	62	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd :														
53	A 3	A 3	27	15	2	0	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Stand has also had some browsing damage														
54	E 5	E 1	4	65	8	50	46	swamp hardwoods	low quality	N		not scheduled	0	
comnts Fmd : Wet stand not treated with adjacent stand during the last treatment.														
55	E 4	E 1	1	65	6	30	46	swamp hardwoods	low quality	N		not scheduled	0	
comnts Fmd : Wet stand that didn't get cut with adjacent stand 56 during last treatment														
56	A 3	A 3	34	28	3	0	63	aspen (upland)	immature	N		20-29 years	0	
57	Q 6	L 0	2	83	8	70	55	mixed swamp conifer	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Stand extends to the east. Some blowdown occurring														
58	E 4	L 0	2	61	6	20	48	swamp hardwoods	low quality	N		not scheduled	0	
comnts Fmd : SOME OLD BLOWDOWN - DOES NOT APPEAR TO BE PROGRESSING														
59	N 0	N 0	2		0	0		marsh	nonstocked	N		not scheduled	0	
60	M 9	M 1	153		11	80	65	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Stand was thinned in 2008. Evidence of EAB throughout most of the Ash in this area.														
61	A 3	A 3	33	26	3	0	62	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : East end has had significant browsing damage from Elk and is more open and brushy														
62	Q 5	S 2	10	96	7	50	34	mixed swamp conifer	sparse	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : upwelling springs and soft, wet ground														
63	M 6	F 2	21	66	9	100	55	northern hardwood	mature	N		10-19 years	0	
comnts Fmd : Steep slope above spring-fed swamp. No treatment because of these circumstances														
64	M 9	M 2	332		12	110	64	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Stand was thinned in 1998.														

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Stand ID	Cover Type- Size Dnsty	Under Story- Stkg Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
65	E 6	E 1	17	71	8	70	50	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : Wet stand with springs														
66	C 6	E 1	3	86	8	90	45	cedar	immature	N		not scheduled	0	
comnts Fmd : Springs in this stand feed a creek that flows west across the road. Landscape level retention area (SCA)														
67	M 9	M 2	36		12	80	60	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Thinned in 2008 with stand 60. EAB spreading through stand.														
68	M 6	M 1	28		8	90	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Stand was thinned in 2008.														
69	A 6	W 1	93	73	9	100	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : Notify PRCAC of intent to harvest area over 40 acres. Agreed upon at Pre-review to harvesting with no retention. Instead, a new stand will be created on the west edge that will serve as a landscape-level retention area.														
70	M 6	A 1	22		10	110	60	northern hardwood	mature	N		10-19 years	0	
71	C 6	F 1	3	83	8	180	45	cedar	immature	N		not scheduled	0	
comnts Fmd : Landscape level retention area (SCA).														
72	A 5	F 1	21	27	7	60	65	aspen (upland)	immature	N		20-29 years	0	
73	M 6	M 1	72	76	10	70	60	northern hardwood	mature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Creek flowing through this stand. Landscape level retention area (SCA)														
74	C 6	F 1	5	79	10	120	45	cedar	mature	N		not scheduled	0	
comnts Fmd : Landscape level retention area (SCA)														
75	L 0	L 0	11			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Landscape level retention area (SCA)														
76	N 0	N 0	3			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Landscape level retention area (SCA)														
77	A 6	F 1	30	71	9	90	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : It was agreed upon at Pre-review to harvest with no retention. Aspen is the objective, but any combination of species will be acceptable for successful regeneration.														

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Strng Level	Acres	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trmt. Period	Harvest Priority	Cultural Need
					D	B	Tot. BA							
78	M 6	M 1	25	61	8	100	55	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : Steep hillside. Beech is heavily infected with Beech Bark Disease.														
79	C 6	F 1	6	76	8	210	45	cedar	immature	N		not scheduled	0	
comnts Fmd : Landscape level retention area (SCA)														
80	A 6	M 1	7	69	10	90	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : Aspen is the objective, but any combination species will be acceptable to meet regeneration requirements. It was agreed upon at Pre-review to harvest without any in-stand retention.														
81	A 5	A 2	35	33	7	60	65	aspen (upland)	immature	N		20-29 years	0	
82	R 6	W 1	4	73	8	80	60	red pine	immature	N		not scheduled	0	
comnts Fmd : Hillside sloping down to the lake. Due to erosion concerns, no management is recommended for this stand.														
83	Z 0	Z 0	31			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Hackett Lake														
84	C 6	F 1	4	73	8	80	45	cedar	immature	N		not scheduled	0	
comnts Fmd : Include with new stand 90 as part of landscape level retention stand.														
85	M 6	M 1	19	71	7	80	55	northern hardwood	immature	N		not scheduled	0	
comnts Fmd : Any future management should make Hemlock a priority.														
86	A 6	W 1	99	63	9	110	60	aspen (upland)	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
87	R 6	W 1	12	76	10	120	60	red pine	mature	N		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : stand will be managed with stand 86														
88	V 0	V 0	4			0		bog or muskeg	nonstocked	N		not scheduled	0	
89	A 6	W 1	84	61	8	100	60	aspen (upland)	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
400	G 0	G 0	17			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Managed wildlife opening														

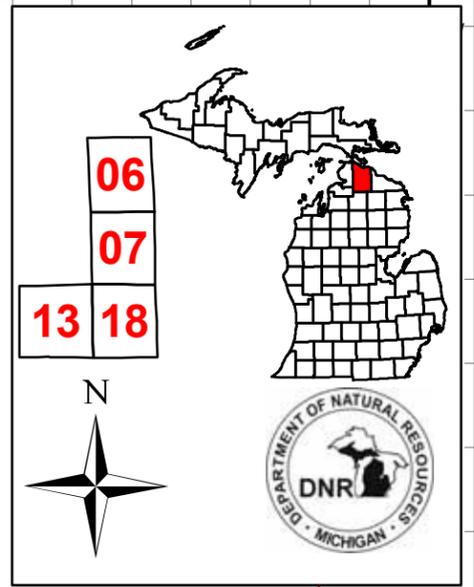
* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

S t a n d	Cover Type- Size Dnsty	Under Story- Stkg Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
401	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
402	G 0	G 0	3			0		grass	nonstocked	N		not scheduled	0	
403	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
404	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
405	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
406	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
407	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Site of Hackett Lake cabin														
408	G 0	G 0	9	28		0	60	grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Scattered aspen and white pine. Biologists recommended mechanically removing scattered trees in the opening in order to maintain this stand as an opening.														
409	G 0	G 0	4	28		0	60	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Scattered aspen and white pine														
Total Acres.....													2349	

84°31'0"W

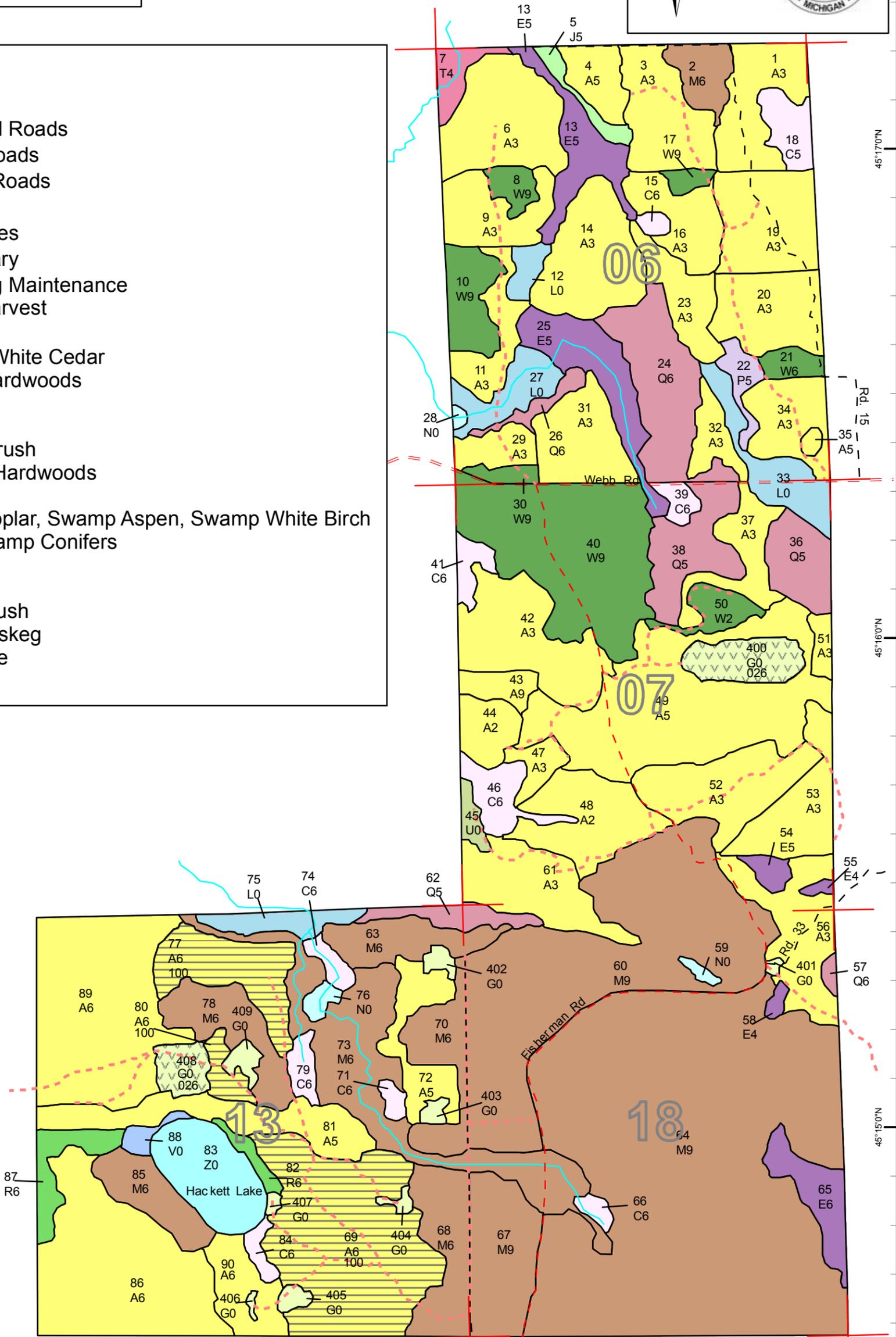
Covertypes & Treatment Map

Compartment 7
 T33N, R01W, Sec. 6, 7, 18
 T33N, R02W, Sec. 13
 County: Cheboygan
 Unit: Pigeon River Country
 YOE: 2013
 Acres: 2,349 GIS Calculated
 Stand Examiner: Rick McDonald
 Map Revised: 10/03/2011
 Map Phase: Pre-review



Legend

- Miris Corners
- = County Gravel Roads
- - County Dirt Roads
- - - Open Forest Roads
- - - - Closed Roads
- Water Features
- Stand Boundary
- 026 - Opening Maintenance
- 100 - Final Harvest
- A - Aspen
- C - Northern White Cedar
- E - Swamp Hardwoods
- G - Grass
- J - Jack Pine
- L - Lowland Brush
- M - Northern Hardwoods
- N - Marsh
- P - Balsam Poplar, Swamp Aspen, Swamp White Birch
- Q - Mixed Swamp Conifers
- R - Red Pine
- T - Tamarack
- U - Upland Brush
- V - Bog or Muskeg
- W - White Pine
- Z - Water



1 0.5 0 1 Miles

84°31'0"W

84°30'0"W

84°29'0"W

45°17'0"N

45°16'0"N

45°15'0"N

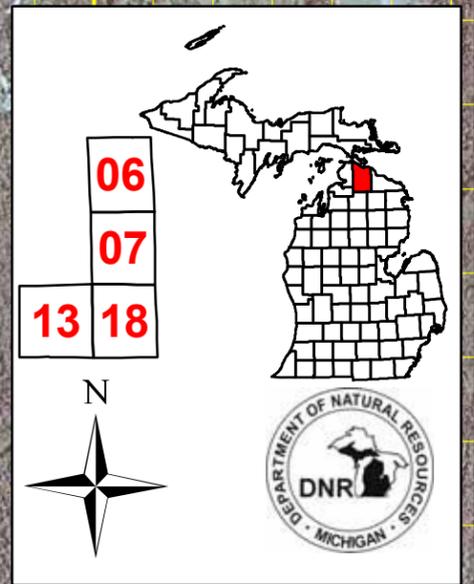
45°17'0"N

45°16'0"N

45°15'0"N

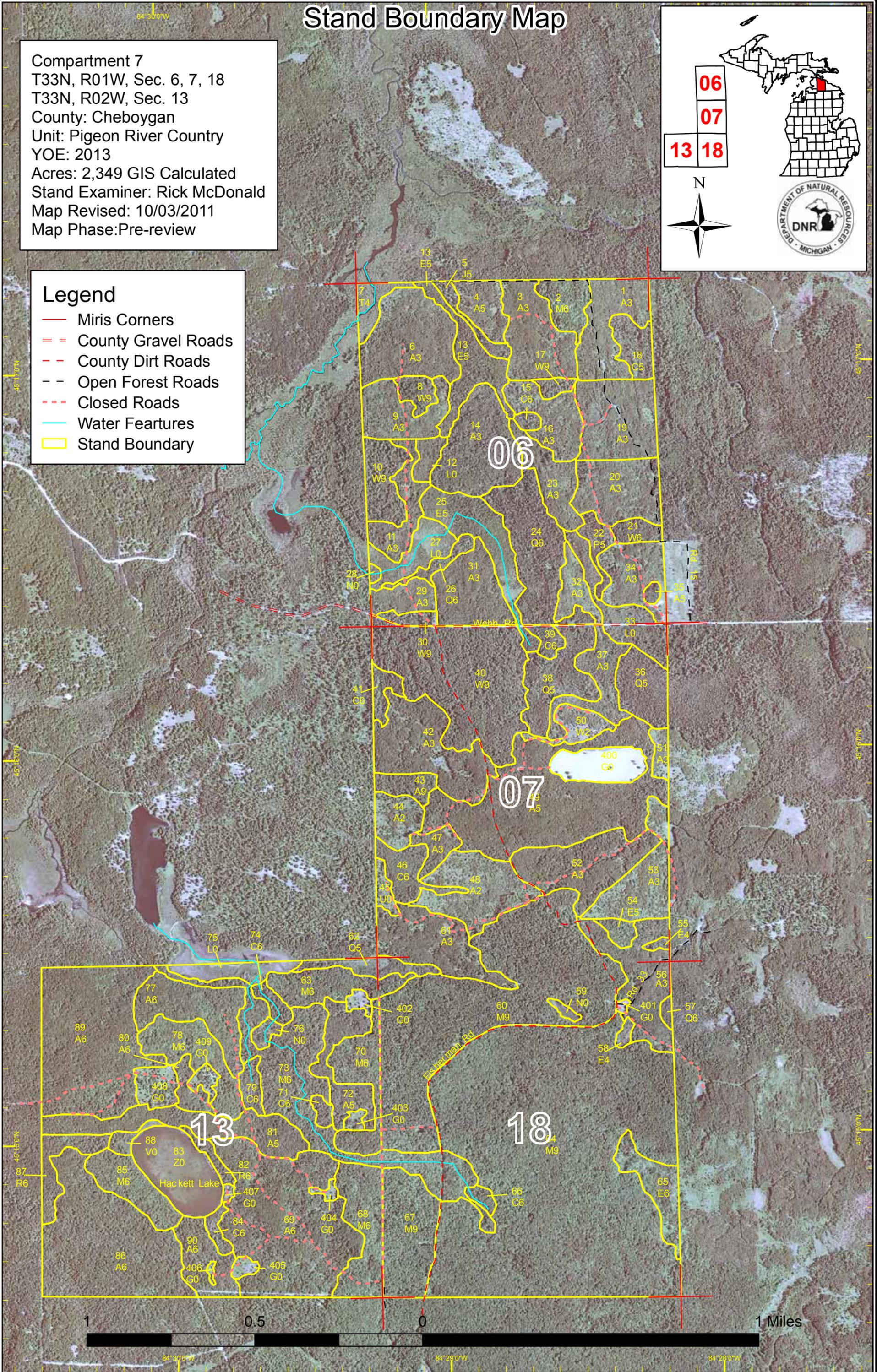
Stand Boundary Map

Compartment 7
 T33N, R01W, Sec. 6, 7, 18
 T33N, R02W, Sec. 13
 County: Cheboygan
 Unit: Pigeon River Country
 YOE: 2013
 Acres: 2,349 GIS Calculated
 Stand Examiner: Rick McDonald
 Map Revised: 10/03/2011
 Map Phase: Pre-review



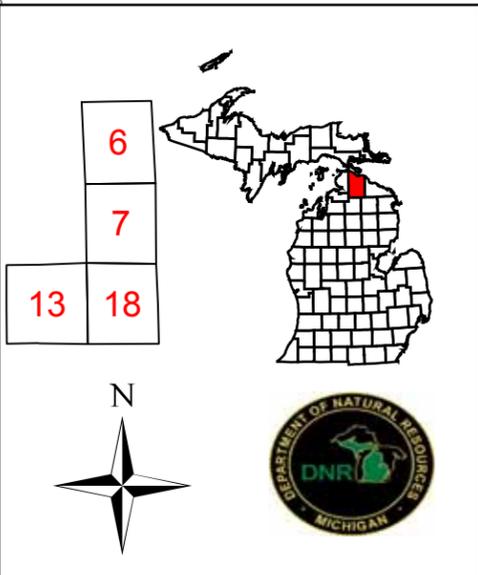
Legend

- Miris Corners
- = County Gravel Roads
- - County Dirt Roads
- - Open Forest Roads
- - - Closed Roads
- Water Features
- Stand Boundary



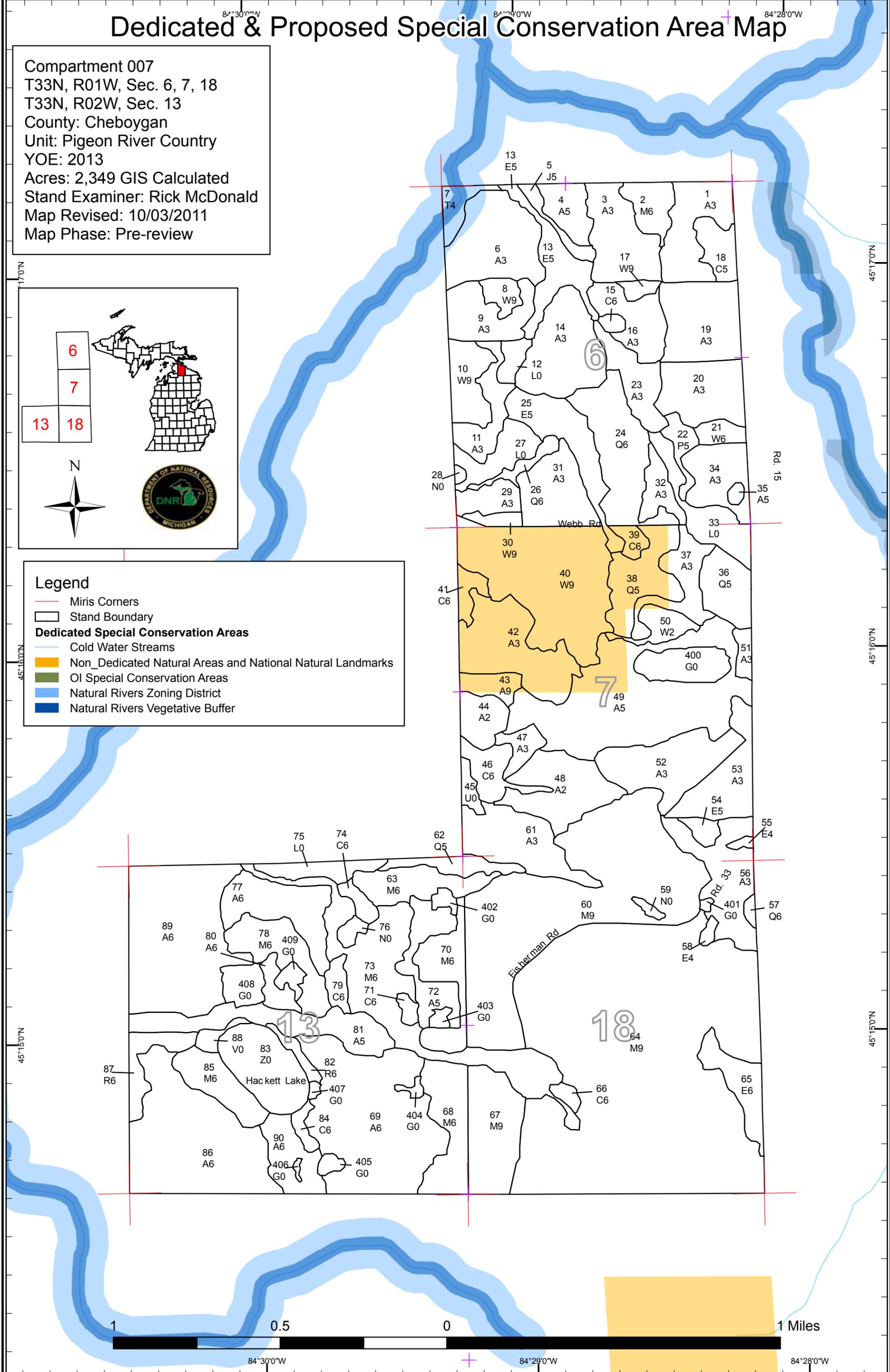
Dedicated & Proposed Special Conservation Area Map

Compartment 007
 T33N, R01W, Sec. 6, 7, 18
 T33N, R02W, Sec. 13
 County: Cheboygan
 Unit: Pigeon River Country
 YOE: 2013
 Acres: 2,349 GIS Calculated
 Stand Examiner: Rick McDonald
 Map Revised: 10/03/2011
 Map Phase: Pre-review



Legend

- Miris Corners
- Stand Boundary
- Dedicated Special Conservation Areas**
- Cold Water Streams
- Non-Dedicated Natural Areas and National Natural Landmarks
- OI Special Conservation Areas
- Natural Rivers Zoning District
- Natural Rivers Vegetative Buffer





DEDICATED CONSERVATION AREA DETAILS

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

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Non-Dedicated Natural Areas and National Natural Landmarks	This category is comprised of those Natural, Wilderness and Wild Areas that have been nominated or proposed for legal dedication, but for which legal dedication by legislature has not occurred. The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.
SCA	Potential Old Growth Areas	This category contains stands were identified for a broad range of reasons and were coded in the OI database as stand condition 8 as potential old growth (POG). Approximately 310,000 acres have been identified through the Operations Inventory (OI)/Compartment Review process. For stands in Year of Entry 2008 and forward, potential old growth is managed for the identified objective until it is: 1) vetted through the Biodiversity Conservation Planning Process (BCPP) and given a specific designation and objective (as an ERA, HCVA, or other type of SCA) and is released from the potential old growth designation; or 2) it is released from the potential old growth designation via the Compartment Review process.