

# **Compartment Review Presentation**

**Crystal Falls Forest Management Unit** 

Compartment 12102 Entry Year 2018 Acreage: 1,598

**County Dickinson** 

Management Area: Peavy Moraine

Revision Date: 2016-08-08

Stand Examiner: Matt Modlin

**Legal Description:** 

T40N R30W Sections 3,4, & 10

# **Identified Planning Goals:**

To maintain aspen and improve red oak and pine components

# Soil and topography:

Soils are fine sand to sandy loam with a few areas of muck. They are anywhere from very poorly drained to excessively drained. The topography is mostly gently rolling hills with a few areas being very steep.

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

The compartment is on the edge of the state owned land. The east is mostly connected with state land and the south and west borders private land.

## **Unique Natural Features:**

Harding Creek, Pine Creek

# Archeological, Historical, and Cultural Features:

None reported

#### **Special Management Designations or Considerations:**

Pine Creek and Harding Creek are cold water streams, both needing 300 ft buffers.

#### Watershed and Fisheries Considerations:

#### Wildlife Habitat Considerations:

Compartment has conditional deer yard. Also contains cold water streams and associated riparian habitat and corridors. Featured species include: American woodcock, black bear, eastern bluebird, white-tailed deer, and wood duck.

## Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 50 and 100 feet. The Precambrian Michigamme and Chocolay Formations outcrop beneath the glacial drift. There is not a current economic use for these rocks. Abandoned Iron Mountain iron mines are located two miles to the south. Part of this compartment was previously leased for metallic exploration, but potential may be limited. A pit is located in Section 5 and there may be some potential. There is no economic oil and gas production in the UP.

#### Vehicle Access:

Good by 2 wheel drive, very good by 4 wheeler. The 4 wheeler bridge across Harding Creek is supposedly removed. Will need a bridge there to get to the south part of the compartment.

## **Survey Needs:**

- 1 corner is needed at the SW corner of the NW1/4 of the SW1/4 of section 4
- 3 corners are needed in the SW1/4 or the SE1/4 of section 10: the NW corner, NE corner, & SE corner.
- It would also be useful to have 1/4 corners in for the missing areas on the west and north lines of section 4.

# **Recreational Facilities and Opportunities:**

Hunting, fishing, 4x4

#### Fire Protection:

# **Additional Compartment Information:**

The following reports from the Inventory are attached:

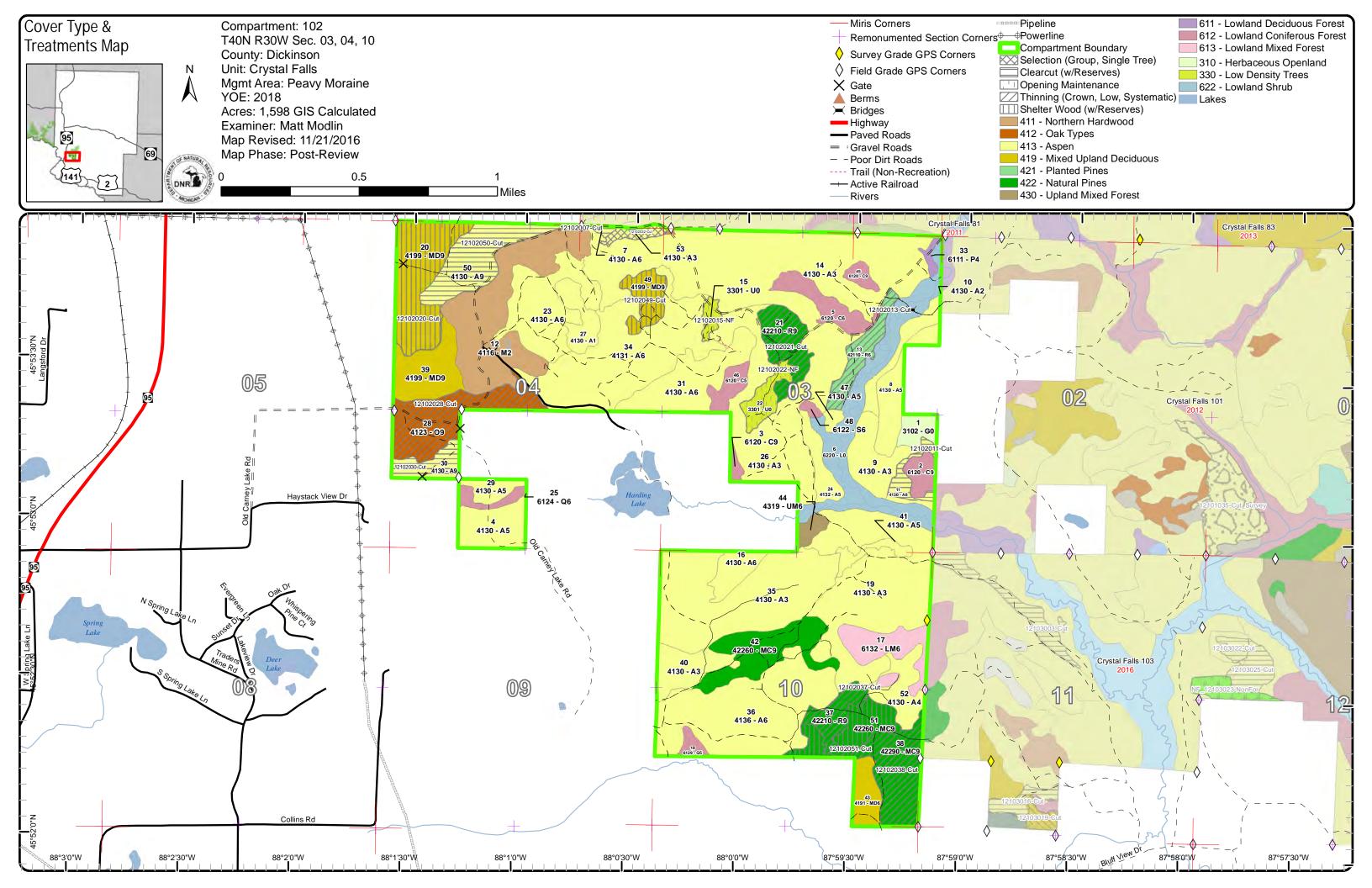
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

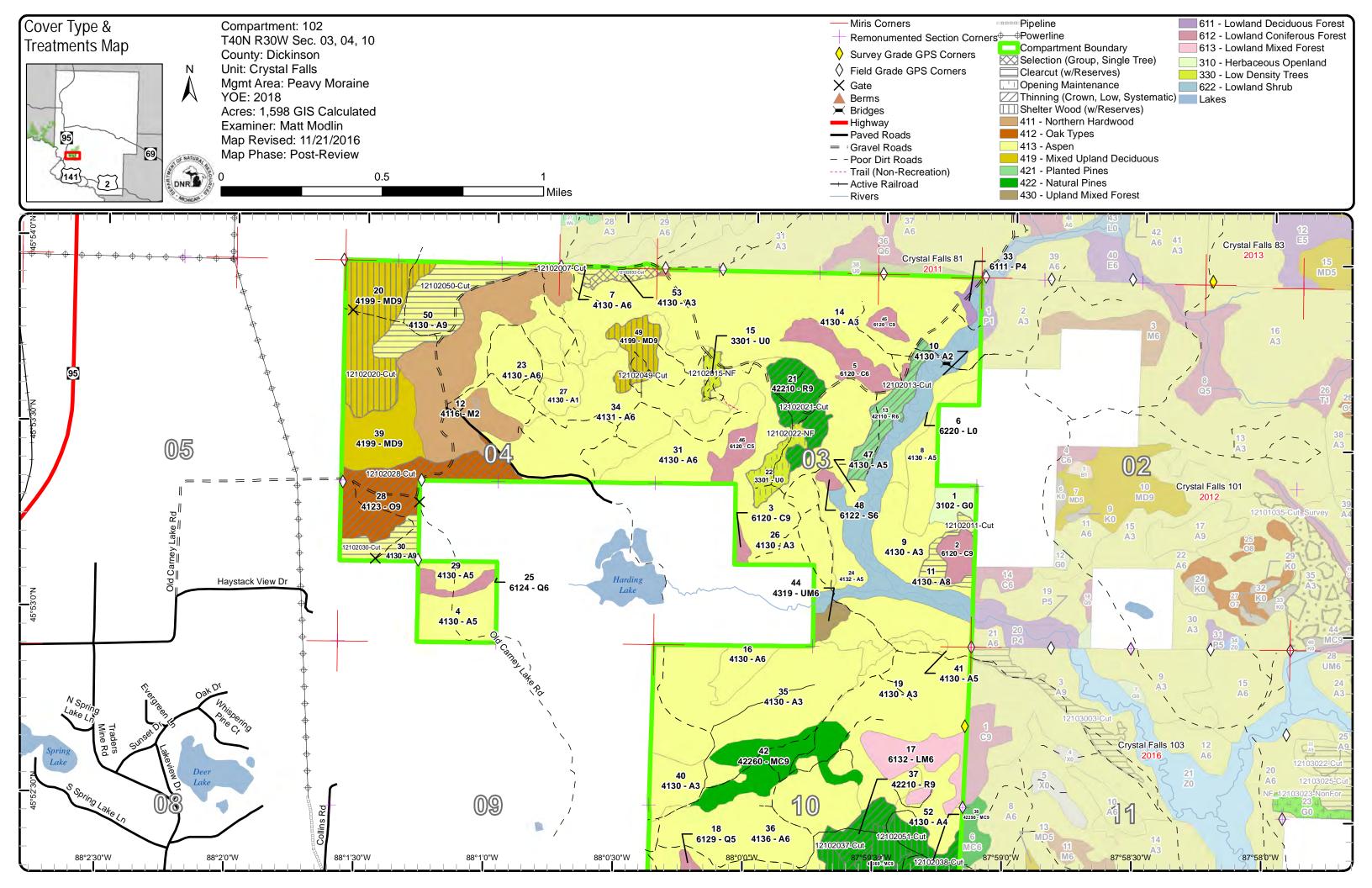
The following information is displayed, where pertinent, on the attached compartment maps:

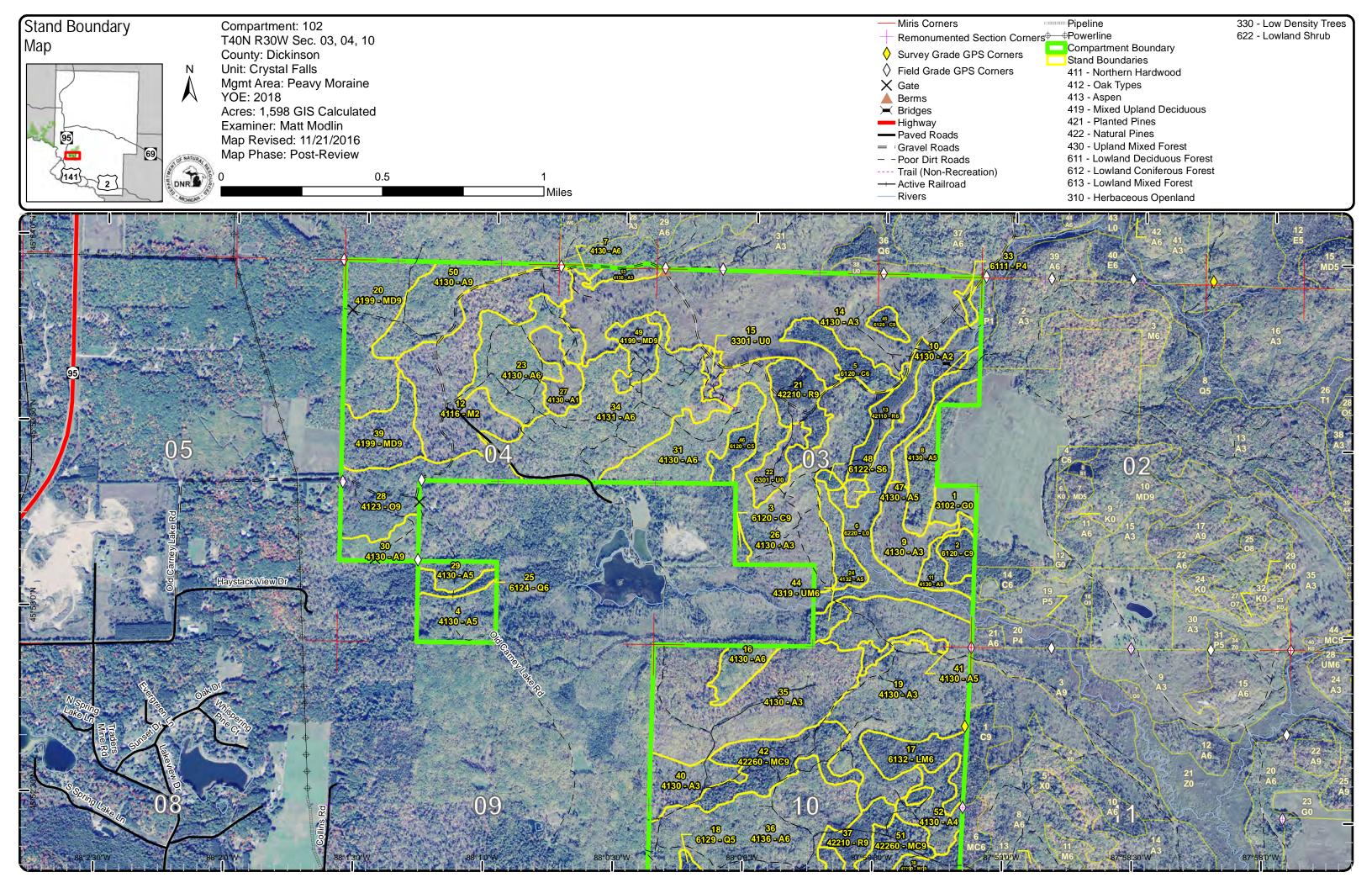
Base feature information, stand boundaries, cover types, and numbers Proposed treatments

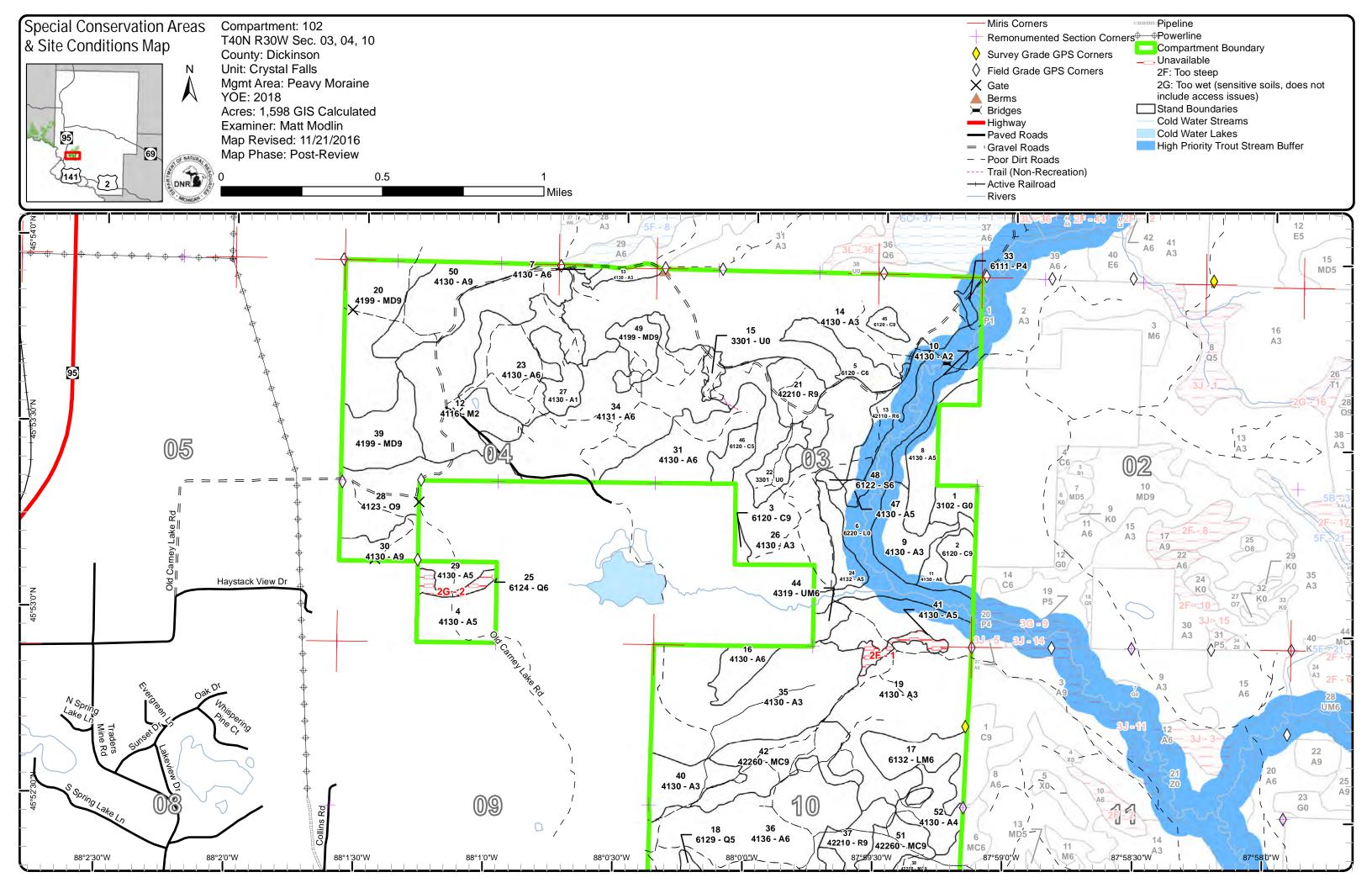
Site condition boundaries

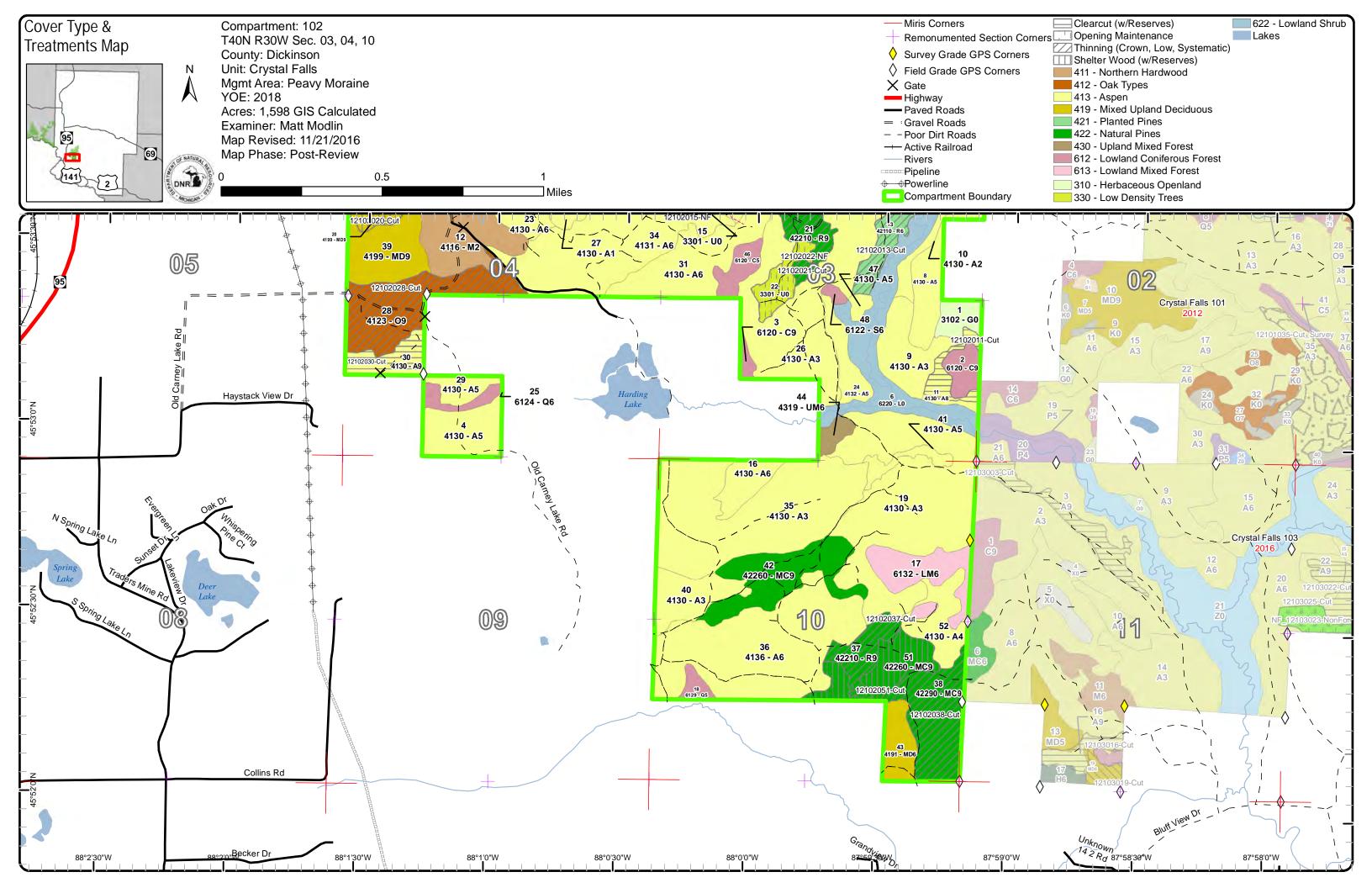
Details on the road access system

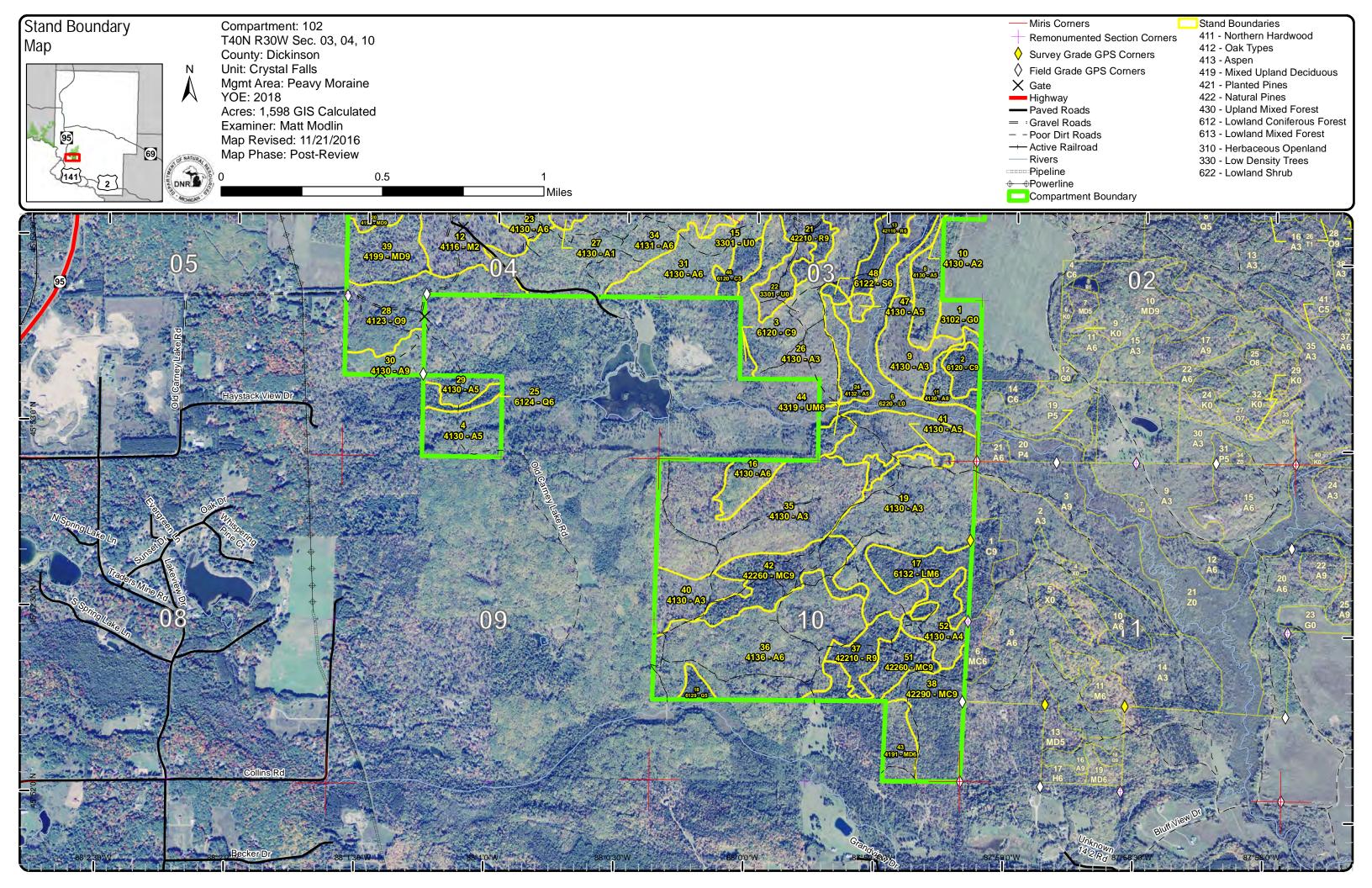


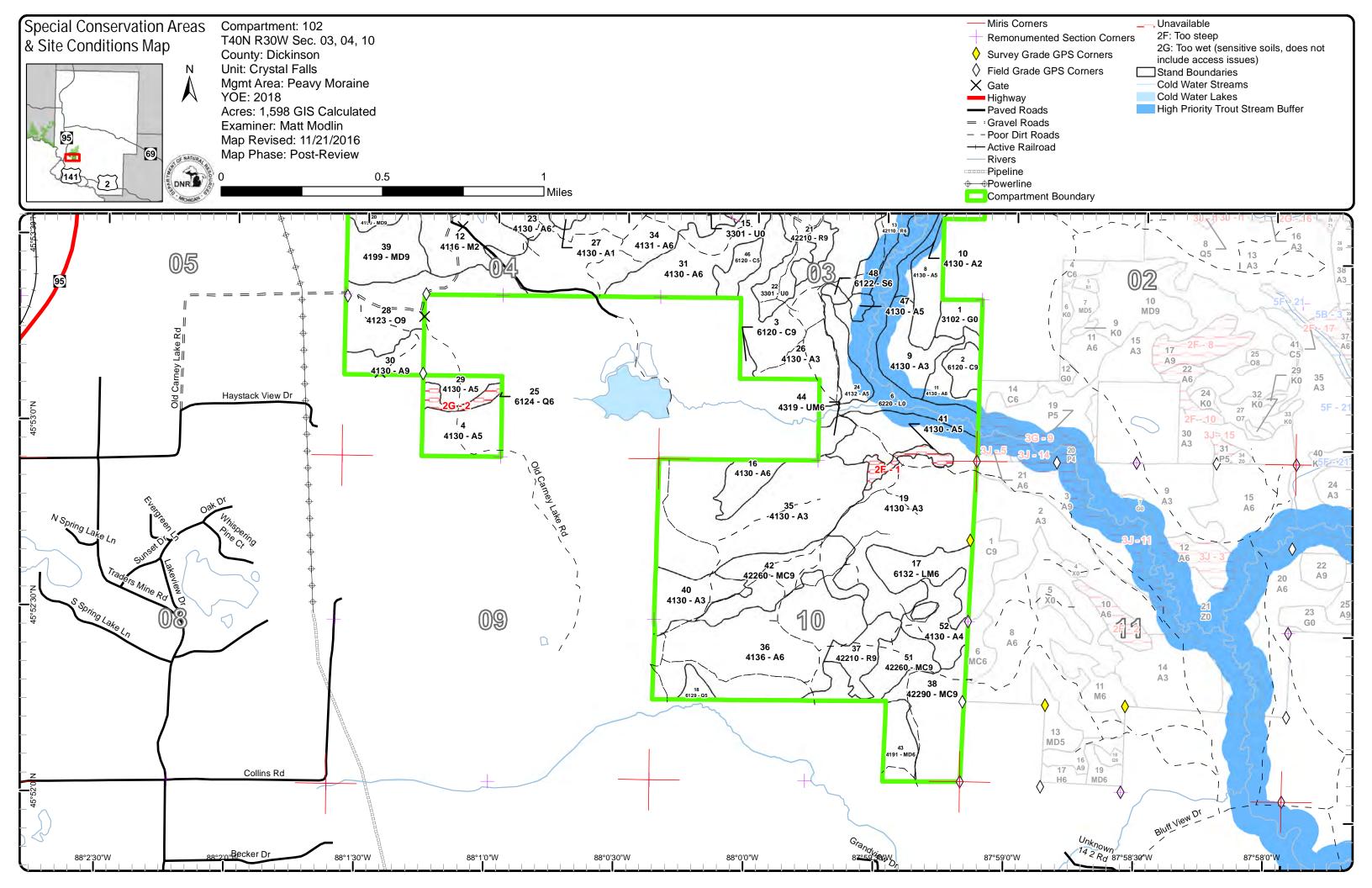












Crystal Falls Mgt. Unit

Matt Modlin: Examiner



Compartment 102 Year of Entry 2018

## Age Class

	No.	A ST C					A GO	/ % /&		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			0,00,00,00,00,00,00,00,00,00,00,00,00,0	(8) /5 <sup>6</sup>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		LE LE	g Jun	No. No.
Aspen	0	254	217	113	176	198	0	40	21	10	0	0	0	0	0	0	0	0	1028
Cedar	0	0	0	0	0	0	0	0	0	0	30	0	15	0	0	0	0	0	45
Herbaceous Openland	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Low-Density Trees	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Conifers	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	10
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	25
Lowland Shrub	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
Lowland Spruce/Fir	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	0	0	0	0	14	0	0	81	15	0	0	0	0	0	0	0	0	0	110
Natural Mixed Pines	0	0	0	0	0	0	38	62	0	0	0	0	0	0	0	0	0	0	100
Northern Hardwood	0	0	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81
Oak	0	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	0	0	46
Red Pine	0	0	0	0	0	0	56	0	0	0	0	0	0	0	0	0	0	0	56
Upland Mixed Forest	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	87	254	298	113	190	203	99	183	82	21	55	0	15	0	0	0	0	0	1598



# **Report 2 – Treatment Summary**

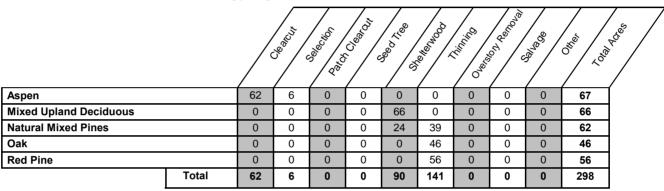
Crystal Falls Mgt. Unit Year of Entry: 2018

#### **Acres of Harvest**

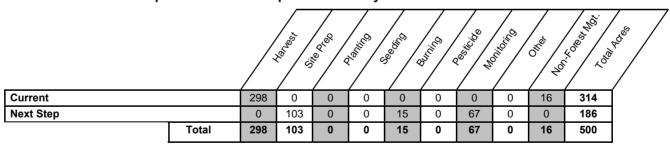
Compartment 102
Total Compartment Acres: 1,598

Commercial Harvest - 298 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

# **Cover Type by Harvest Method**



## **Proposed and Next Step Treatments by Method**



Next Step **Treatments:** 

<u>Acceptable</u> Regen:

Other Good quality red pine trees. Scattered white pine. Well established skid trails from previous row thin.

Comment:

Proposed Start Date: 10/01/2017

12102015-NF 4.4 3301 - Low Density Nonstocked 310 -Draft Field Unspec NonForestMgt Herbaceous/Crop **Deciduous Trees** ified /Grass Planting Herbaceous Boundary

Openland

**Habitat Cut: No** Site Condition:

Prescription WLD- Treat opening. Herbaceous/opening maintenance

Specs:

Next Step

Treatments:

<u>Acceptable</u>

Regen:

Other Comment:

**Proposed Start Date:** 10/01/2017

Crystal Falls Mgt. Unit Report 3 -- Treatments Compartment: 102 s Year of Entry: 2018 t а **Treatment** Size Stand BA **Treatment Treatment Cover Type** Acres Stand Age Approval n Structure Method Objective Name CoverType Density Age Range Type Status d 50.9 4199 - Other Mixed 20 12102020-Cut Sawtimber 111-Harvest Shelterwood 4319 - Mixed Even-Aged Draft Field **Upland Deciduous** Well 140 **Upland Forest** Boundary **Habitat Cut: No Site Condition:** Prescription Thin entire stand down to 50-60 BA. Target red maple and aspen for removal. Do not cut conifers. Specs: The goal is to increase volume growth in the oak and promote conifer regeneration under the aspen. Do not harvest from April-July to prevent oak wilt. Scarify with root rake after harvest. Next Step SitePrep, Scarification **Treatments:** Acceptable Oak, paper birch, conifers Regen: Other Comment: **Proposed Start Date:** 10/01/2017 12102021-Cut 42210 - Natural 171-23.8 Sawtimber 56 Harvest Crown Thinning 42210 - Natural Even-Aged Draft Field Red Pine Well 200 Red Pine Boundary **Site Condition: Habitat Cut: No** Prescription Thin red pine to 110-120 or remove no more than 1/3 of the basal area in the thicker red pine areas. Remove all aspen. Leave all white pine, oak, and cherry. Specs: Next Step **Treatments:** <u>Acceptable</u> Regen: Other Fair to good form red pine, 5-6 sticks. Scattered red pine and jack pine seedlings and oak saplings and poles. Comment: **Proposed Start Date:** 10/01/2017 12102022-NF 12.0 3301 - Low Density Nonstocked NonForestMgt 310 -Draft Field Herbaceous/Crop Unspec Deciduous Trees /Grass Planting Herbaceous Boundary Openland **Site Condition: Habitat Cut: No** Prescription WLD- Treat opening. Herbaceous/opening maintenance Specs:

Next Step

Treatments:

**Acceptable** 

Regen:

Other Comment:

**Proposed Start Date:** 10/01/2017

12102028-Cut 46.2 4123 - Red Oak Sawtimber 70 111-Harvest Crown Thinning 412 - Oak Types Even-Aged Draft Field Well 140 Boundary

**Site Condition: Habitat Cut: No** 

Prescription Thin stand to 70-90 BA to add volume to the oak. Leave the BA on the higher end on the south and east lines and around the pockets to prevent aspen spread. Target red maple, paper birch, and poor form oak for removal. Thin aspen to 50-60 BA to promote pine regen. Do not cut any Specs:

conifers.

Next Step **Treatments:** 

Acceptable Oak and pine

Regen:

Other

Comment

Proposed Start Date: 10/01/2017

Next Step

Other Comment:

**Proposed Start Date:** 11/09/2016

12102038-Cut 42290 - Natural Draft Field 38.7 Sawtimber 60 171-429 - Mixed Harvest Crown Thinning Even-Aged Mixed Pine Well 200 **Upland Conifers** Boundary

**Habitat Cut: No Site Condition:** 

Prescription Leave all aspen Specs: Cut all red maple

Thin pine to 120BA / Remove no more than 1/3 of the basal area in the thicker areas

Protect the conifer saplings during harvest.

Next Step Treatments:

Acceptable Red and White Pine

Regen: Other Comment:

Proposed Start Date: 11/09/2016

Crystal Falls Mgt. Unit Report 3 -- Treatments Compartment: 102 s Year of Entry: 2018 t а **Treatment** Size Stand BA **Treatment Treatment Cover Type** Acres Stand Age **Approval** n Method Objective Name CoverType Density Age Range Type Structure Status d 15.0 4199 - Other Mixed 49 12102049-Cut Sawtimber 70 1-50 Harvest Shelterwood 412 - Oak Types Even-Aged Draft Field **Upland Deciduous** Well Boundary **Habitat Cut: No Site Condition:** Prescription Leave all oak and maple. Remove all aspen. Leave all birch snags and some healthy trees for a seed source and diversity. Leave white pine. Specs: Prescribe burn or scarify after harvest. Do not cut April-July to prevent oak wilt. Burn, Understory; SitePrep, Scarification Next Step **Treatments:** Acceptable Oak, birch, white pine Regen: The oak is of fairly good quality with some decent log trees. There is an opening on the NW side with scattered trees. There are pockets of Other aspen and birch but scattered individuals as well throughout the stand. The aspen is good quality but the birch is really starting to fall apart. The Comment: red maple is very low quality. 10/01/2017 **Proposed Start Date:** 12102050-Cut 38.0 60 Clearcut with Draft Field 4130 - Aspen Sawtimber Unspec Harvest 413 - Aspen Even-Aged Well ified Retention Boundary **Habitat Cut: No Site Condition:** Prescription Clearcut leaving oak, paper birch, and any conifers Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Aspen, oak, paper birch, conifers Regen:

Other Comment:

Proposed Start Date: 10/01/2017

12102051-Cut 23.6 42260 - Natural Sawtimber 67 81-110 Harvest Shelterwood 429 - Mixed Even-Aged Draft Field **Upland Conifers** Boundary

Pine. Mixed Well

Deciduous

**Habitat Cut: No Site Condition:** 

Prescription Cut all aspen and red maple

Specs: Leave all oak

In the thicker areas, thin red and white pine down to 120 targeting more of the red pine to be cut over the white pine.

Scarify after harvest to promote pine and oak

Next Step SitePrep, Scarification

Treatments:

Acceptable Red and white pine, oak Regen:

Other Comment:

**Proposed Start Date:** 11/09/2016

**Total Treatment** 314.2 Acreage Proposed:

Crystal Falls Mgt. Unit

Matt Modlin: Examiner

Compartment: 102
Year of Entry: 2018

# Availability for Management Total Acres Acres Avail Acres Acres Available With Condition Not Available Dominant Site Conditions 2F 2G

Acies	Available	Will Condition	NOL Available		21	20
1027	1020	0	7	Aspen	7	
44	44	0	0	Cedar		
9	9	0	0	Herbaceous Openland		
16	16	0	0	Low-Density Trees		
3	3	0	0	Lowland Aspen/Balsam Poplar		
11	4	0	6	Lowland Conifers		6
25	25	0	0	Lowland Mixed Forest		
62	62	0	0	Lowland Shrub		
2	2	0	0	Lowland Spruce/Fir		
111	111	0	0	Mixed Upland Deciduous		
100	100	0	0	Natural Mixed Pines		
81	81	0	0	Northern Hardwood		
46	46	0	0	Oak		
56	56	0	0	Red Pine		
5	5	0	0	Upland Mixed Forest		
1,598	1,585		13	Total Forested Acres	7	6
	99%		1%	Relative Percent		

<sup>\*</sup>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	2F: Too steep	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Mgt. Unit

Compartment: #Type! Year of Entry:



# 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				

Crystal Falls Mgt. Unit Compartment: 102
Year of Entry 2018



# 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.

Conservation Area	on 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 condition stocked trout populations and those of other coldwater fish speci 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	es to persist from year to year. Suitable by are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen condistocked trout populations and those of other coldwater fish speci year 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.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high d communities are ecologically and socially significant in their effect as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well

S t	Crystal Falls Mgt. Unit			Report 7	' – Forested	Stands Compartment: 102 Year of Entry: 2018
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	6120 - Lowland Cedar	Sawtimber Well	9.1	95	Unspecified	
3	6120 - Lowland Cedar	Sawtimber Well	2.9	90	Unspecified	Standing water throughout. The tag alder is concentrated more in the north.
4	4130 - Aspen	Poletimber Medium	24.0	45	Unspecified	Scattered white spruce Fair quality aspen poor quality cherry in the more open areas
5	6120 - Lowland Cedar	Poletimber Well	17.8	90	Unspecified	Very low. Lots of standing water.
7	4130 - Aspen	Poletimber Well	1.7	63	Unspecified	Very scattered fir and oak
8	4130 - Aspen	Poletimber Medium	22.1	42	Unspecified	Drainage splits stand in middle east to west Steep slope on east side Scattered red, white, and jack pine, as well as spruce, balsam, and cherry Fair quality aspen
9	4130 - Aspen	Sapling Well	23.9	3	Immature	Scattered overstory conifer and cherry
10	4130 - Aspen	Sapling Medium	12.5	6	Immature	On a steep slope and in the buffer to the river Scattered elm, jack pine, oak, and balsam fir
11	4130 - Aspen	Sawtimber Medium	10.2	84	Unspecified	Fair/Poor quality aspen
12	4116 - Mixed N. Hardwood - Aspen	Sapling Medium	81.4	18	Immature	Scattered red maple, oak, and white pine poles Scattered white pine saplings Red maple tops dying Wide variety of ages and densities
13	42110 - Planted Red Pine	Poletimber Well	16.7	58	111-140	Good quality trees. Scattered white pine. Well established skid trails from previous row thin.
14	4130 - Aspen	Sapling Well	175.4	8	Immature	Large aspen cut on rolling hills with pockets of low ground where there is balsam, spruce, and cedar.
16	4130 - Aspen	Poletimber Well	13.0	39	Unspecified	Good quality aspen
17	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	24.7	95	Unspecified	Flowing drainage through middle
18	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	4.5	85	Unspecified	
19	4130 - Aspen	Sapling Well	112.2	12	Immature	

S	Crystal Falls Mgt. Unit t			Report 7	– Forested	Stands Compartment: 102 Year of Entry: 2018
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
20	4199 - Other Mixed Upland Deciduous	Sawtimber Well	51.4	60	111-140	Excellent quality aspen and ok.  Paper birch, aspen, and oak have their own respective small pure pockets but are also mixed together throughout the stand. Turns to more oak as you go from to the west and south. More white pine and other conifers as you move south.  Scattered red pine and sugar maple Some top dieback in the paper birch Fair amount of oak and white pine seedlings
21	42210 - Natural Red Pine	Sawtimber Well	23.8	56	171-200	Fair to good form red pine, 5-6 sticks. Scattered red pine and jack pine seedlings and oak saplings and poles.
23	4130 - Aspen	Poletimber Well	49.0	33	Immature	Far east peninsula has more large oak
24	4132 - Aspen, Jack Pine	Poletimber Medium	12.2	35	Unspecified	Very poor quality aspen fades to mostly jack pine in the south
25	6124 - Lowland Spruce- Fir	Poletimber Well	6.2	85	Unspecified	
26	4130 - Aspen	Sapling Well	92.7	28	Immature	Areas of dense cherry and maple brush. Far southeast part, close to creek, has more spruce and fir. Very scattered white and jack pine.
27	4130 - Aspen	Sapling Poor	14.6	5	Immature	Scattered residual paper birch (10") and oak (16") throughout Pocket of big tooth aspen in the north Only the south half is regenerating.
28	4123 - Red Oak	Sawtimber Well	46.2	70	111-140	Scattered white pine super canopy.  No oak is regenerating.  Scattered small aspen pockets with 16 in aspen
29	4130 - Aspen	Poletimber Medium	8.9	46	Unspecified	Fair quality aspen Scattered red pine No SBW damage yet. Saw 1 caterpillar though.
30	4130 - Aspen	Sawtimber Well	13.8	75	Unspecified	Good quality aspen North stand line is on top of very steep slope
31	4130 - Aspen	Poletimber Well	40.6	47	Unspecified	Scattered red pine to leave. Heavy red maple deer browse in the middle. Scattered poor quality overstory red maple clumps. Scattered oak.
33	6111 - Lowland Balsam Poplar	Poletimber Poor	2.8	55	Unspecified	Stand is along Pine Creek
34	4131 - Aspen, Oak	Poletimber Well	99.4	44	Unspecified	Wide variety of ages in aspen (4-12") Scattered white pine and red pine Aspen gets bigger the farther west and south you move Small, lower, coniferous pocket in the south with spruce, balsam, hemlock, red and white pine. More oak and paper birch in the middle of the stand.

S t	Crystal Falls Mgt. Unit			Report 7	- Forested	Stands Compartment: 102 Year of Entry: 2018
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
35	4130 - Aspen	Sapling Well	104.4	15	Immature	Light component of hard maple saplings. It is a sandy area with rocks and sweet fern.
36	4136 - Aspen, Mixed Conifer	Poletimber Well	102.0	38	Unspecified	Scattered jack pine, red maple, oak, and paper birch in the overstory
37	42210 - Natural Red Pine	Sawtimber Well	15.6	59	171-200	Scattered paper birch, red maple, and white pine in the overstory
38	42290 - Natural Mixed Pine	Sawtimber Well	38.7	60	171-200	White pine has not pruned very well Red pine is good quality Pockets where aspen and red maple is thicker
39	4199 - Other Mixed Upland Deciduous	Sawtimber Well	29.8	60	111-140	Excellent quality aspen and ok.Paper birch, aspen, and oak have their own respective small pure pockets but are also mixed together throughout the stand.Turns to more oak as you go from to the west and south. More white pine and other conifers as you move south.Scattered red pine and sugar mapleSome top dieback in the paper birchFair amount of oak and white pine seedlings
40	4130 - Aspen	Sapling Well	21.0	8	Immature	Scattered oak and jack pine
41	4130 - Aspen	Poletimber Medium	6.7	70	Unspecified	Good quality aspen SBW all over the spruce and balsam On a steep slope
42	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	37.6	57	81-110	Pines are straight and tall but branchy Wide age range in aspen (<1"-8") Wide age range in red pine (4"-24") Scattered jack pine and paper birch
43	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	14.3	33	Immature	Scattered oak, jack pine, and hemlock
44	4319 - Mixed Upland Forest	Poletimber Well	5.4	46	Unspecified	Scattered white spruce, red maple, and paper birch
45	6120 - Lowland Cedar	Sawtimber Well	4.8	113	Unspecified	Minor component of white pine saw timber. There are springs in the stand and evidence of deer usage. The cedar canopy is well established. The tag alder and black ash are more to the east end.
46	6120 - Lowland Cedar	Poletimber Medium	9.5	110	Unspecified	Cedar mainly on the north end, fades to tag alder to the south.
47	4130 - Aspen	Poletimber Medium	2.9	45	Unspecified	Very low quality, thin, 2-3 stick aspen stand with grass, ferns, and shrubs
48	6122 - Black Spruce	Poletimber Well	2.0	58	Unspecified	

s t	Crystal Falls Mgt. Unit		Report 7	- Forested	Stands Compartment: 102 Year of Entry: 2018
a n d	Level 4 Size over Type Density	Acres	Stand Age	BA Range	General Comments:
49	- Other Mixed Sawtimber and Deciduous Well	15.0	70	1-50	The oak is of fairly good quality with some decent log trees. There is an opening on the NW side with scattered trees. There are pockets of aspen and birch but scattered individuals as well throughout the stand. The aspen is good quality but the birch is really starting to fall apart. The red maple is very low quality.
50	130 - Aspen Sawtimber Well	38.0	60	Unspecified	Scattered oak and paper birch Excellent quality aspen
51	) - Natural Pine, Sawtimber ed Deciduous Well	23.6	67	81-110	
52	130 - Aspen Poletimber Poor	19.9	28	Immature	Grass and/or white pine in the open areas where there isn't aspen or red maple
	ed Deciduous Well  130 - Aspen Poletimber				·

Immature

Pocket of large jack pine on the east and white pine saplings on the west.

4130 - Aspen

53

Sapling Well

5.6

8

# Report 8 - Nonforested Stands

Compartment: 102 Year of Entry: 2018



Stand	Cover Type	Acres	Managed Site	General Comments:
1	3102 - Grass	9.4	No	
6	6220 - Alder/willow	61.7	No	This is the floodplain of Pine Creek that has tag alder, buckthorn, and scattered balm.
15	3301 - Low Density Deciduous Tree	4.4	No	Open with scattered low quality cherry, aspen, maple, and oak
22	3301 - Low Density Deciduous Tree	12.0	No	Semi open with very low quality cherry, spruce, and aspen