Newberry Forest Management Unit
Compartment Review Presentation
Compartment #42112 Entry Year: 2014
Compartment Acreage: 1856 County: Luce

Revision Date: 09/07/2012

Stand Examiner: Ryan Mattila

Legal Description: T46N R10W Sections 16-18

RMU (if applicable): This Compartment is located in the Tahquamenon River Basin Management Area.

Management Goals: Maintain forest productivity, forest health, species and age class diversification through silvicultural and natural processes.

Soil and Topography: Topography is mainly rolling ridges with low areas in between.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Compartment is mainly continuous State ownership with one 40 acre private in holding. Area is mainly used for hunting.

Unique, Natural Features: There are no records listed by MNFI for this compartment.

Archeological, Historical, and Cultural Features: There are no features listed.

Special Management Designations or Considerations: The southern half of the compartment is mapped at deer yard.

Watershed and Fisheries Considerations: There are no water-bodies in this compartment, so Fisheries has no concerns at this time.

Wildlife Habitat Considerations: Compartment 112 lies in central Luce county and is situated in the Grand Marais Sandy End Moraine and Outwash ecological sub-subsection and the Taqhuamenon River Basin Wetlands Management Area where white-tailed deer, black bear, snowshoe hare and gray jay are featured species. The compartment is very diverse in both in cover type and within stands. The northern portion of the compartment is composed of more upland types such as northern hardwoods, aspen, upland mixed and red pine while the southern portion is generally a mix or lowland types including cedar, lowland deciduous, lowland mixed, tamarack and lowland aspen/birch. A portion of the compartment is in the McMillan deer yard which can support high deer numbers during stressful winter periods.

Wildlife objectives will be met in harvested stands by leaving some standing trees as retention in spruce final harvests, leaving mature aspen and a conifer component in aspen final harvests. Harvests will generally occur during winter months to benefit wintering deer and hemlock and cedar will be retained following harvests. Several stands were delayed to retain a travel corridor through the compartment and mature forested stands. In addition to featured species, wildlife species likely to use the compartment include gray wolf, coyote, bobcat, fisher ruffed grouse, and pileated woodpecker.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of peat and muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Utica Shale subcrops below the glacial drift. There is no economic use for the Utica. Gravel pits are located two miles to the southeast, but there may be potential on the uplands. There is no economic oil and gas production in the UP.

Vehicle Access: Vehicle access into the compartment is good. The main way into the compartment is from the Camp 6 Road.

Survey Needs: Survey corners around the 40 acre private in-holding are needed for the stands that are prescribed around it.

Recreational Facilities and Opportunities: There are no designated trail systems within this compartment. Recreational opportunities include hunting, hiking, and wildlife viewing.

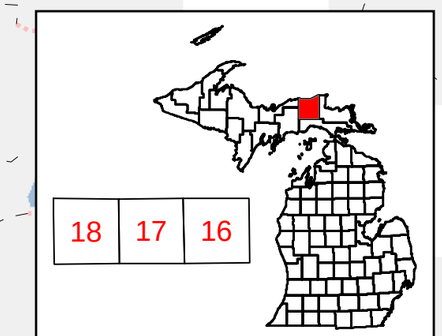
Fire Protection: Large fires in this compartment are not likely because of the hardwood and mixed conifer/hardwood lowland types. Travel times are reasonable for this compartment and may not impact fire size. Access with heavy suppression equipment is limited and could challenge suppression tactics.

Additional Compartment Information:

- **The following reports from the Inventory are attached:**
  - **Total Acres by Cover Type and Age Class**
  - **Proposed Treatment Summary**
  - **Proposed Treatments – No Limiting Factors**
  - **Proposed Treatments – With Limiting Factors**
  - **Stand Details (Forested and Nonforested)**
  - **Dedicated and Proposed Special Conservation Areas**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
  - **Base feature information, stand boundaries, cover types, and numbers**
  - **Proposed treatments**
  - **Details on the road access system**
-

Cover Type & Treatment Map



Compartment: 112
T46N R10W Sec. 16-18
County: Luce
Unit: Newberry
YOE: 2014
Acres: 1,856 GIS Calculated
Examiner: Ryan Mattila
Map Revised: 10/04/2012
Map Phase: Pre-Review

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

Legend

- Remonumented Section Corners
- Miris Corners
- Gate
- PLSS Corner
- Unclassified Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- ORV Trails
- Snowmobile Trails
- ORV Trail
- Snowmobile Trail
- Stream
- Intermittent Stream

Treatments
- Clearcut (w/Reserves, Patch/Strip)
- Selection (Group, Single Tree)

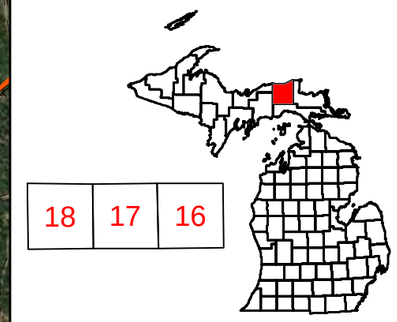
Forest Stands
Level 3
- 411 - Northern Hardwood
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands
Level 3
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland
- Lakes and Rivers
- State Forest Land

1 0.5 0 1 Miles

85°37'0"W 85°36'0"W 85°35'0"W 85°34'0"W 85°33'0"W
46°24'0"N 46°23'0"N

Stand Boundary Map



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Level 3 Level 4 Cover Type Code

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- Stand Boundaries

Forest Stands

Level 3

- 411 - Northern Hardwood
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- 414 - Other Upland Deciduous
- 421 - Planted Pines
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Non-Forest Stands

Level 3

- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland

1 4234-F6; 2 629-L0; 3 500-Z0; 4 6117-E5; 5 6117-E4; 6 4319-UM6; 7 6122-S2; 8 629-L0; 9 4134-A3; 10 6122-S2; 11 330-U0; 12 6122-S6; 13 6122-S1; 14 6112-P6; 15 6122-S6; 16 4226-MC8; 17 4319-UM6; 18 6118-E5; 19 4319-UM9; 20 6121-T6; 21 4231-F6; 22 4220-W8; 23 6119-E5; 24 6120-C5; 25 6122-S1; 26 6128-Q8; 27 6121-T5; 28 4133-A8; 29 330-U0; 30 4112-M6; 31 4211-R6; 32 622-L0; 33 500-Z0; 34 6120-C6; 35 6131-LM6; 36 4112-M6; 37 6122-S5; 38 6122-S1; 39 4113-M5; 40 629-L0; 41 4112-M1; 42 4112-M2; 43 629-L0; 44 622-L0; 45 622-L0; 46 6129-Q1; 47 6117-E6; 48 4319-UM1; 49 6129-Q4; 50 330-U0; 51 6121-T5; 52 6120-C6; 53 330-U0; 54 6124-Q6; 55 6118-E6; 56 500-Z0; 58 4140-B6; 59 629-L0; 60 6122-S2; 61 623-N0; 62 4136-A4; 63 6120-C6; 64 4136-A6; 65 6118-E6; 66 6112-P3; 67 629-L0; 68 6120-C4; 69 6116-B2; 70 6132-LM5; 71 4130-A3; 72 6120-C1; 73 6117-E6; 74 629-L0; 75 6122-S3; 76 6116-B6; 77 629-L0; 78 4130-A3; 79 6120-C1; 80 623-N0; 81 6112-P7; 82 6122-S6; 83 629-L0; 84 6120-C9; 85 6112-P6; 86 4140-B6; 87 6132-LM1; 88 6120-C6; 89 4139-A5; 90 6117-E6; 91 6120-C6; 92 6119-E1; 93 4130-A3; 94 6123-Q6; 95 6120-C6; 96 623-N0; 97 6120-C5; 98 6120-C1; 99 6120-C1; 100 4140-B6; 101 623-N0; 102 622-L0

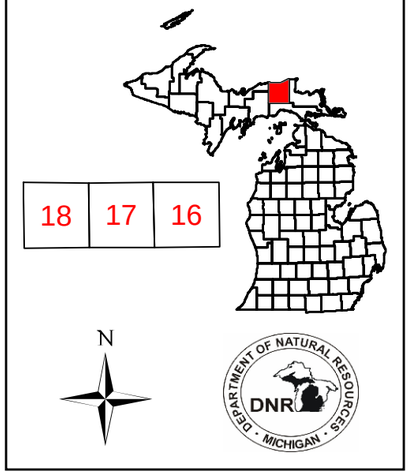
1 0.5 0 1 Miles

85°37'0"W 85°36'0"W 85°35'0"W 85°34'0"W 85°33'0"W

46°24'0"N 46°23'0"N

Road 448 Road 46

Dedicated & Proposed Special Conservation Area Map



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Legend

- Remonumented Section Corners
- Miris Corners
- Stand Boundaries

Dedicated Special Conservation Areas
- Cold Water Streams
- Deer Wintering Areas

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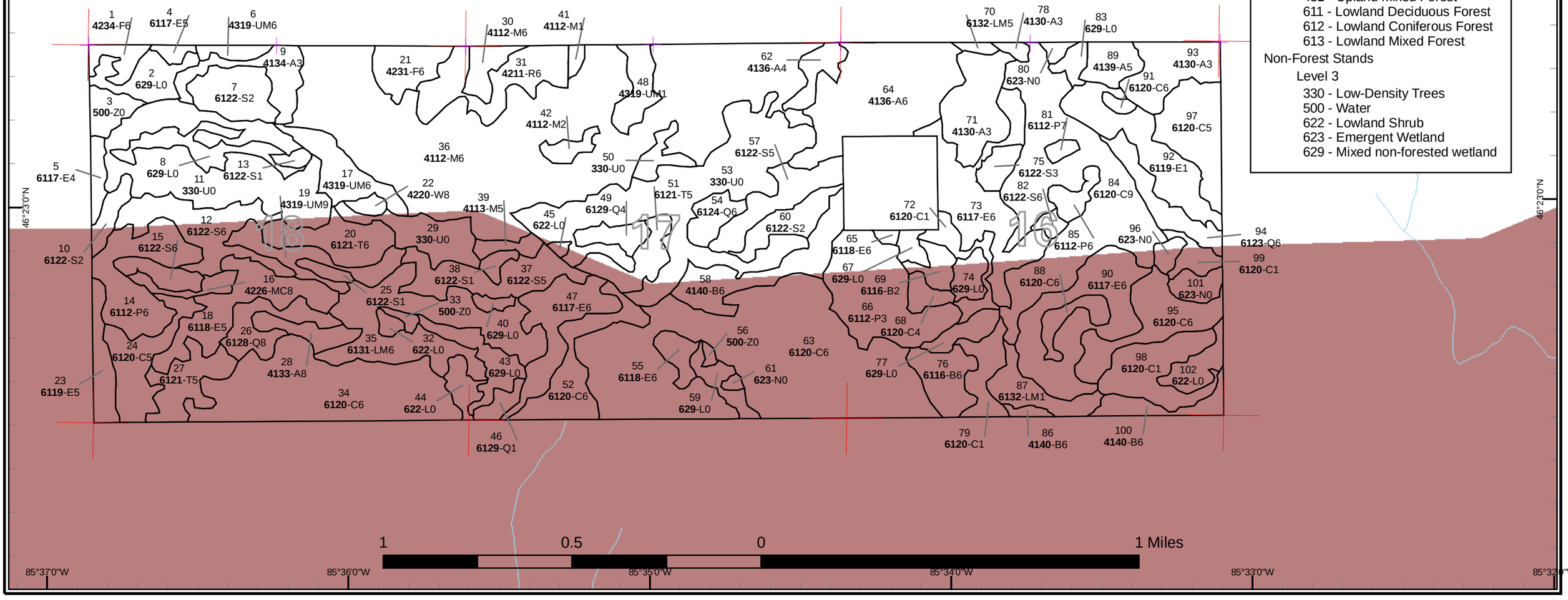

Table 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit **Compartment 112 Year of Entry 2014**

Ryan Mattilla : Examiner

Age Class

	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 +	Uneven Age	Total
Aspen	0	42	0	8	20	0	0	57	18	0	0	0	0	0	**145**
Cedar	0	0	0	24	0	27	0	0	2	28	0	353	25	0	**459**
Low-Density Trees	177	0	0	0	0	0	0	0	0	0	0	0	0	0	**177**
Lowland Aspen/Balsam Poplar	0	41	0	0	0	0	0	38	0	0	0	0	0	0	**79**
Lowland Conifers	0	0	0	0	4	0	0	14	22	0	0	0	0	7	**48**
Lowland Deciduous	0	0	0	35	3	0	0	79	0	41	0	30	0	0	**187**
Lowland Mixed Forest	0	0	0	0	0	13	0	53	2	0	0	0	0	0	**68**
Lowland Shrub	89	0	0	0	0	0	0	0	0	0	0	0	0	0	**89**
Lowland Spruce/Fir	0	0	0	11	20	0	6	0	88	0	0	3	0	0	**129**
Marsh	13	0	0	0	0	0	0	0	0	0	0	0	0	0	**13**
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	5	0	0	0	**5**
Northern Hardwood	0	7	0	0	0	0	0	235	4	0	0	0	0	0	**246**
Paper Birch	0	0	6	0	0	14	0	9	27	0	0	0	0	0	**57**
Red Pine	0	0	0	0	0	27	0	0	0	0	0	0	0	0	**27**
Tamarack	0	0	0	0	0	0	0	0	32	17	0	0	0	0	**49**
Upland Mixed Forest	0	0	0	11	0	17	4	0	15	0	0	0	0	0	**47**
Upland Spruce/Fir	0	0	0	0	6	13	0	0	0	0	0	0	0	0	**20**
Water	11	0	0	0	0	0	0	0	0	0	0	0	0	0	**11**
White Pine	0	0	0	0	0	0	0	0	0	0	3	0	0	0	**3**
Total	**289**	**89**	**6**	**88**	**54**	**112**	**10**	**485**	**211**	**87**	**8**	**385**	**25**	**7**	**1856**

Table 2 – Proposed Treatment Summaries

Newberry Mgt. Unit
Year of Entry 2014

Compartment 112
Total Compartment Acres: 1856

Acres by Treatment Type

Commercial Harvest - 490	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	75	0	0	0	0	0	**75**
Cedar	2	0	0	0	0	0	**2**
Lowland Aspen/Balsam Poplar	36	0	0	0	0	0	**36**
Lowland Deciduous	44	24	0	0	0	0	**68**
Lowland Spruce/Fir	38	0	0	0	0	0	**38**
Natural Mixed Pines	5	0	0	0	0	0	**5**
Northern Hardwood	0	235	0	0	0	0	**235**
Tamarack	17	0	0	0	0	0	**17**
Upland Mixed Forest	15	0	0	0	0	0	**15**
Total	**231**	**258**	**0**	**0**	**0**	**0**	**490**

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
12	42112012-Cut	27.4	6122 - Black Spruce	High Density Pole	82		Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal

Prescription Specs: Clearcut leaving all white pine and cedar for retention

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
14	42112014-Cut	29.6	6112 - Lowland Aspen	High Density Pole	71	51-80	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription Specs: Clearcut leaving all cedar mark some mature aspen as red line trees, winter cut

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
15	42112015-Cut	7.5	6122 - Black Spruce	High Density Pole	83		Harvest	Clearcut	6122 - Black Spruce	Cmpt. Review Proposal

Prescription Specs: Clearcut retain all cedar or hemlock if any are in stand will be less than 3% retention

Other Comments:

Next Steps:

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
16	42112016-Cut	5.5	42260 - Natural Pine, Mixed Deciduous	Medium Density Log	104	111-140	Harvest	Clearcut with Reserves	42200 - Natural White Pine	Cmpt. Review Proposal

Prescription Specs: Clearcut leaving all white pine for retention

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
19	42112019-Cut	15.2	4319 - Mixed Upland Forest	High Density Log	82		Harvest	Clearcut with Reserves	42200 - Natural White Pine	Cmpt. Review Proposal

Prescription Specs: Clearcut leave white pine and hemlock for retention. White pine can be marked down to 30-50 BA ware need for opperibility and to inmprove stand form

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
27	42112027-Cut	17.0	6121 - Tamarack	Medium Density Pole	91		Harvest	Clearcut with Reserves	6121 - Tamarack	Cmpt. Review Proposal

Prescription Specs: Clearcut leaving all cedar for retention

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
28	42112028-Cut	8.3	4133 - Aspen, Mixed Pine	Medium Density Log	83		Harvest	Clearcut with Reserves	42201 - Natural White Pine, Mixed Deciduous	Cmpt. Review Proposal

Prescription Specs: Clearcut, leave all white pine for retention, winter cut

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
30	42112030-Cut	7.6	4112 - Maple, Beech, Cherry Association	High Density Pole	72	111-140	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal

Prescription Specs: mark to harvest to 70-90 Sq ft Ba Target multi stemmed clumps, low forks, and beech with heavy scale. Preserve species and size class diversity in under represented species

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
36	42112036-Cut	227.1	4112 - Maple, Beech, Cherry Association	High Density Pole	73	111-140	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal

Prescription Specs: mark to harvest to 70-90 Sq ft Ba Target multi stemmed clumps, low forks, and beech with heavy scale. Preserve species and size class diversity in under represented species

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
47	42112047-Cut	23.8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	110	81-110	Harvest	Single Tree Selection	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal

Prescription Specs: mark stand targeting 80-90 Sq ft BA harvesting mature trees and to release quality Red Maple poles, leave all hemlock

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
55	42112055-Cut	6.2	6118 - Lowland Deciduous with Cedar	High Density Pole	110		Harvest	Clearcut with Reserves	6118 - Lowland Deciduous with Cedar	Cmpt. Review Proposal

Prescription Specs: Clearcut leave all cedar for retention

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
64	42112064-Cut	56.8	4136 - Aspen, Mixed Conifer	High Density Pole	77		Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Cmpt. Review Proposal

Prescription Specs: Clearcut leaving cedar, white pine and all hemlock for retention also mark some large aspen as red line trees, winter cut, unless areas of stand during setup are identified that could be cut during a dry summer

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
73	42112073-Cut	37.8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	71		Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal

Prescription Specs: Clearcut, leaving Cedar and any hemlock for retention. also leave 2 mature trees / ac of a mix of the species present for wildlife

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
82	42112082-Cut	2.6	6122 - Black Spruce	High Density Pole	110		Harvest	Clearcut	6122 - Black Spruce	Cmpt. Review Proposal

Prescription Specs: clearcut to regenerate no retentoin, small acreage

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
84	42112084-Cut_small	1.6	6120 - Lowland Cedar	High Density Log	110		Harvest	Clearcut	6122 - Black Spruce	Cmpt. Review Proposal

Prescription Specs: area to be harvested is a blach spruce pocket to small to be maped as its own stand clear cut pocket no retention in pocket

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
85	42112085-Cut	6.0	6112 - Lowland Aspen	High Density Pole	71		Harvest	Clearcut	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription Specs: clearcut to regenerate aspen and birch, winter cut no retentoin, small acreage

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
89	42112089-Cut	9.6	4139 - Aspen, Mixed Deciduous	Medium Density Pole	80		Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal

Prescription Specs: clearcur leaving retention along west edge for stand (wet area buffer) and some large aspen as red line trees

Other Comments:

Next Steps: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, tamarack, white and red pine and hemlock.

Proposed Start Date: 10/01/2013

Total Treatment Acreage Proposed: 489.7

Table 4 -- Treatments Prescribed with a Limiting Factor

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
			#Error							

Prescription Specs:

Other Comment:

Next Steps:

Proposed Start Date: #Error

Limiting Factor and No Treatment Reason

Total Treatment Acreage Proposed: **0**

Data updated before 10:00 AM

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2014

Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status

Prescription Specs:

Other Comments:

Next Steps:

Proposed Start Date: #Error

Total Treatment Acreage Proposed: **0**

Data updated before 10:00 AM

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42340 - Upland Spruce/Fir	High Density Pole	6.3	41		
4	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	2.5	41		New stand added.
5	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Pole	5.1	32	51-80	
6	4319 - Mixed Upland Forest	High Density Pole	4.2	62		
7	6122 - Black Spruce	Medium Density	17.4	40		
9	4134 - Aspen, Spruce/Fir	High Density Sapling	15.1	16		
10	6122 - Black Spruce	Medium Density	6.2	32		
12	6122 - Black Spruce	High Density Pole	27.4	82		
13	6122 - Black Spruce	Low Density Sapling	2.3	30		
14	6112 - Lowland Aspen	High Density Pole	29.6	71	51-80	
15	6122 - Black Spruce	High Density Pole	7.5	83		
16	42260 - Natural Pine, Mixed Deciduous	Medium Density Log	5.5	104	111-140	
17	4319 - Mixed Upland Forest	High Density Pole	16.7	54		
18	6118 - Lowland Deciduous with Cedar	Medium Density Pole	28.5	71	81-110	
19	4319 - Mixed Upland Forest	High Density Log	15.2	82		New stand added.
20	6121 - Tamarack	High Density Pole	18.6	83		
21	42310 - Planted Spruce	High Density Pole	13.3	51		
22	42200 - Natural White Pine	Medium Density Log	2.7	104	1-50	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
23	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	10.8	71		
24	6120 - Lowland Cedar	Medium Density Pole	21.0	96		
25	6122 - Black Spruce	Low Density Sapling	2.9	38		
26	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Log	14.4	71		New stand added.
27	6121 - Tamarack	Medium Density Pole	17.0	91		
28	4133 - Aspen, Mixed Pine	Medium Density Log	8.3	83		
30	4112 - Maple, Beech, Cherry Association	High Density Pole	7.6	72	111-140	
31	42110 - Planted Red Pine	High Density Pole	26.5	52	111-140	
34	6120 - Lowland Cedar	High Density Pole	68.9	110		
35	6131 - Hemlock, White Pine, Maple, Birch	High Density Pole	52.9	72		
36	4112 - Maple, Beech, Cherry Association	High Density Pole	227.1	73	111-140	pockets of heavier stocked timber mark to harvest
37	6122 - Black Spruce	Medium Density Pole	23.6	80		
38	6122 - Black Spruce	Low Density Sapling	3.0	42		
39	4113 - R.Maple, Conifer	Medium Density Pole	4.4	82	51-80	
41	4112 - Maple, Beech, Cherry Association	Low Density Sapling	2.0	10		
42	4112 - Maple, Beech, Cherry Association	Medium Density	4.6	10	1-50	
46	6129 - Mixed Coniferous Lowland Forest	Low Density Sapling	4.4	45		
47	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	23.8	110	81-110	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
48	4319 - Mixed Upland Forest	Low Density Sapling	10.7	37		New stand added.
49	6129 - Mixed Coniferous Lowland Forest	Low Density Pole	6.9	Uneven Age		
51	6121 - Tamarack	Medium Density Pole	13.1	82		
52	6120 - Lowland Cedar	High Density Pole	22.3	110		
54	6124 - Lowland Spruce-Fir	High Density Pole	8.4	82		
55	6118 - Lowland Deciduous with Cedar	High Density Pole	6.2	110		
57	6122 - Black Spruce	Medium Density Pole	18.0	84		
58	4140 - Other Upland Deciduous	High Density Pole	24.6	82		
60	6122 - Black Spruce	Medium Density	11.9	80		
62	4136 - Aspen, Mixed Conifer	Low Density Pole	8.1	37		
63	6120 - Lowland Cedar	High Density Pole	145.3	110		
64	4136 - Aspen, Mixed Conifer	High Density Pole	56.8	77		
65	6118 - Lowland Deciduous with Cedar	High Density Pole	1.4	71		
66	6112 - Lowland Aspen	High Density Sapling	41.0	16		
68	6120 - Lowland Cedar	Low Density Pole	5.1	110		
69	6116 - Lowland Birch	Medium Density	6.3	25		
70	6132 - Mixed Lowland Forest with Cedar	Medium Density Pole	1.8	84		
71	4130 - Aspen	High Density Sapling	24.6	16		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
72	6120 - Lowland Cedar	Low Density Sapling	9.5	50		
73	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	37.8	71		
75	6122 - Black Spruce	High Density Sapling	6.0	65		
76	6116 - Lowland Birch	High Density Pole	14.5	57		
78	4130 - Aspen	High Density Sapling	2.0	16		
79	6120 - Lowland Cedar	Low Density Sapling	11.8	53		Stand swapped from Non-Forested to Forested.
81	6112 - Lowland Aspen	Low Density Log	2.3	71		
82	6122 - Black Spruce	High Density Pole	2.6	110		
84	6120 - Lowland Cedar	High Density Log	86.8	110		
85	6112 - Lowland Aspen	High Density Pole	6.0	71		
86	4140 - Other Upland Deciduous	High Density Pole	1.9	87		
87	6132 - Mixed Lowland Forest with Cedar	Low Density Sapling	13.4	55		
88	6120 - Lowland Cedar	High Density Pole	7.4	97		
89	4139 - Aspen, Mixed Deciduous	Medium Density Pole	9.6	80		
90	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	41.1	97		
91	6120 - Lowland Cedar	High Density Pole	2.0	80		
92	6119 - Mixed Lowland Deciduous Forest	Low Density Sapling	29.4	33		
93	4130 - Aspen	High Density Sapling	20.2	42		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
94	6123 - Lowland Fir	High Density Pole	14.1	80		
95	6120 - Lowland Cedar	High Density Pole	25.1	160		
97	6120 - Lowland Cedar	Medium Density Pole	24.5	117		
98	6120 - Lowland Cedar	Low Density Sapling	23.7	35		Stand swapped from Non-Forested to Forested.
99	6120 - Lowland Cedar	Low Density Sapling	6.0	50		cattail
100	4140 - Other Upland Deciduous	High Density Pole	9.3	78		

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	629 - Mixed non-forested wetland	13.3	N\A	Unspecified	
3	50 - Water	7.8	N\A	Unspecified	
8	629 - Mixed non-forested wetland	14.5	N\A	Unspecified	Stand swapped from Forested to Non-Forested.
11	330 - Low-Density Trees	66.4	N\A	Unspecified	
29	330 - Low-Density Trees	17.4	N\A	Unspecified	
32	6220 - Alder/willow	2.2	N\A	Unspecified	
33	50 - Water	1.8	N\A	Unspecified	
40	629 - Mixed non-forested wetland	2.3	N\A	Unspecified	
43	629 - Mixed non-forested wetland	12.3	N\A	Unspecified	
44	622 - Lowland Shrub	6.2	N\A	Unspecified	
45	622 - Lowland Shrub	1.1	N\A	Unspecified	
50	330 - Low-Density Trees	6.1	N\A	Unspecified	
53	330 - Low-Density Trees	87.0	N\A	Unspecified	
56	50 - Water	1.1	N\A	Unspecified	
59	629 - Mixed non-forested wetland	6.9	N\A	Unspecified	
61	623 - Emergent Wetland	1.2	N\A	Unspecified	
67	629 - Mixed non-forested wetland	3.7	N\A	Unspecified	
74	629 - Mixed non-forested wetland	6.4	N\A	Unspecified	

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
77	629 - Mixed non-forested wetland	6.8	N\A	Unspecified	
80	623 - Emergent Wetland	2.0	N\A	Unspecified	
83	629 - Mixed non-forested wetland	4.2	N\A	Unspecified	
96	623 - Emergent Wetland	3.4	N\A	Unspecified	
101	6230 - Cattail	6.4	N\A	Unspecified	
102	622 - Lowland Shrub	8.7	N\A	Unspecified	

7 – 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.

Stand	SCA Type	SCA Name	Acres	Comments

8 – 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
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	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.