Sault Forest Management Unit
Compartment Review Presentation

Compartment #52 **Entry Year: 2012**
Compartment Acreage: 2,907 **County: Chippewa**

Revision Date: 06/22/2010

Stand Examiner: Jason Caron

Legal Description: T45N R1E Secs. 21, 27-29, 31-34 Bruce Township, Chippewa County

Identified Planning Goals ('Management Area' or 'RMU', if applicable): Munuscong Bay

Management Goals: This compartment has had no forest management in quite sometime. Cedar management does not occur due to the deer yard complex and other forest types have not been harvested due to the limited access. Two aspen stands have been prescribed (in the north part of the compartment) and will be harvested if permission is granted from a private landowner. Remnants of previous management are noticed mostly in the southeast part of the compartment with a few old overgrown roads and a couple small cedar strip cuts.

Soil and Topography: Markey Carbondale mucks make up the south and east parts of the compartment. Gaastra-Gogomain-Ingalls complexes with pockets of Markey muck are located in the central part. Both of these soil types are generally quite flat with a few low, almost indiscernible ridges throughout. Equipment problems and wind throw are associated with these soils.

Ownership Patterns, Development, and Land Use in and Around the Compartment: One of the few solid blocks of state ownership on the mainland within the Sault unit. Ownership around the compartment is all private except to the South, which is state owned. Land use within the compartment is minimal due to the low ground and dense vegetation. Evidence of deer hunting exists around the perimeter but very little activity exists within the central part of the compartment.

Unique, Natural Features: The unique features of this compartment would simply be the large amount of acreage with very little human impact.

Archeological, Historical, and Cultural Features: None known.

Special Management Designations or Considerations: None known.

Watershed and Fisheries Considerations: This compartment contains portions of the Little Munuscong River, School Creek, and an unnamed tributary to the Little Munuscong River. All of these streams are classified as warm-transitional. If strip cuts are made in stand 39, a 100' no-clearcut buffer should be maintained adjacent to School Creek.

Wildlife Habitat Considerations: This compartment is located between 15-Mile Road and 18-Mile Road west of Riverside Drive. It is dominated by lowland deciduous forest and cedar swamp. A few northern hardwood, aspen, and other upland stands are also scattered throughout. The Munuscong River flows through the compartment Four shallow floodings are located in former farmed land in the southeast corner. These were created for ducks and other wetland wildlife. Wildlife management objectives include maintaining early-successional young deciduous cover, maintaining lowland conifer cover, and maintaining

the openland habitat in the southeast corner, and protecting river and stream corridors by buffering these features. In harvested areas, cedar, yellow birch, oak, hemlock, ironwood, pine, and beech will be left in addition to a representative sample of the species being harvested. Stands in the southern part of the compartment will be cut during the winter. Wildlife benefitting from this management include white-tailed deer, ruffed grouse, American woodcock, snowshoe hare, and wood ducks.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of a mixture of peat and muck and lacustrine (lake) clay and silt. The glacial drift thickness varies between 50 and 200 feet, thicker to the south. The Ordovician Utica and Collingwood Shales and Trenton Formation subcrop below the glacial drift. The Trenton is quarried for stone/dolomite elsewhere in the UP. The compartment has several gravel pits located to the west, but potential appears limited. There is no economic oil and gas production in the UP, currently.

Vehicle Access: The only vehicle access to this compartment is along the south end of the compartment off of Allard Rd.

Survey Needs: A remonumentation project is currently being worked on by Northwoods Surveying out of the Sault. In doing the map work for this compartment I included corners that have been placed or will be placed by the time this remon. project is completed.

Recreational Facilities and Opportunities: Walk in access exists from state ownership just south of this compartment. The legal easement consists of a 30' strip of property that runs just south of 18 mile road off of M-129. The strip runs from M-129 and runs east to state ownership. Recreation in this compartment is mostly limited to deer, grouse and rabbit hunting along with the occasional mushroom hunter as well.

Fire Protection: With the majority of the compartment being swamp lowlands fire potential is low unless a long dry period persists within the area. Fire access into this compartment would be extremely difficult due to roads being non-existent.

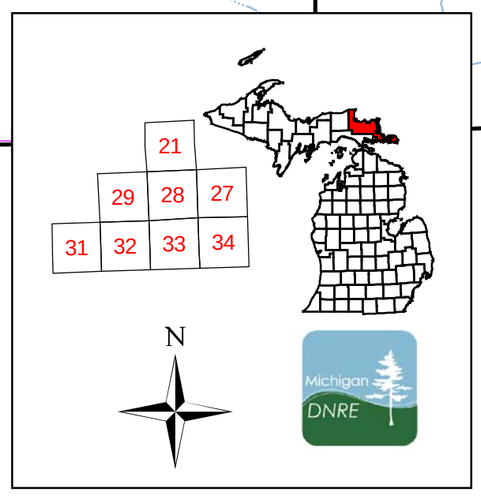
Additional Compartment Information:

- **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 052
T45N, R01E, Sec. 21, 27-29, 31-34
County: Chippewa
Unit: Sault Ste. Marie
YOE: 2012
Acres: 2,907 GIS Calculated
Stand Examiner: Jason Caron
Map Revised: 8/13/2010
Map Phase: Pre-Review



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

10 **4112**-M6
13 **6112**-P6
4 **500**-Z0
9 **4139**-A6
5 **6120**-C4
18 **4199**-MD5
26 **6111**-P6
38 **4110**-M6
44 **622**-L0
29 **6112**-P6
12 **6119**-E6
23 **6120**-C6
14 **4110**-M6
1 **6112**-P6
7 **6119**-E6
3 **622**-L0
2 **6121**-T1
34 **6120**-C6
30 **6119**-E6
21 **6119**-E6
45 **6119**-E6
17 **6113**-E4
35 **4110**-M6
43 **6117**-E6
15 **6117**-E3
27 **500**-Z0
42 **6120**-C3
8 **6117**-E6
6 **6121**-T9
16 **6120**-C9
46 **6129**-Q3
11 **6121**-T1
25 **6112**-P6
19 **6117**-E6
28 **6119**-E6
33 **6115**-E3
39 **6112**-P6
49 **500**-Z0
22 **6117**-E6
47 **6129**-Q5
20 **6117**-E6
31 **4119**-M9
41 **6113**-E6
24 **6113**-E6
48 **6117**-E4
40 **500**-Z0
37 **6119**-E6
50 **6121**-T1
32 **6120**-C6
36 **6120**-C6

21 29 28 27 31 32 33 34

15 Mile Rd
Shunk Rd
Ridge Rd
School Creek
Riverside Dr
Little Munuscong River
Allard Rd
S Thorne Rd
E 19 Mile Rd
Unknown
S Keldon Rd
Riverside Dr
Desmareaux Creek
Desmareaux Creek

46°17'0"N
46°16'0"N
46°15'0"N
46°14'0"N
84°21'0"W
84°20'0"W
84°19'0"W
84°18'0"W
84°17'0"W

Legend

- Miris Corners
- Remonumented Section Corners
- DNRE Corners
- County Corners
- Structures
- Cable
- Pipe
- Power
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- Clearcut (w/Reserves, Patch/Strip)

Forest Stands
Level 3
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands
Level 3
- 500 - Water
- 622 - Lowland Shrub

1 0.5 0 1 Miles

Stand Boundary Map

Compartment 052
T45N, R01E, Sec. 21, 27-29, 31-34
County: Chippewa
Unit: Sault Ste. Marie
YOE: 2012
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Stand Examiner: Jason Caron
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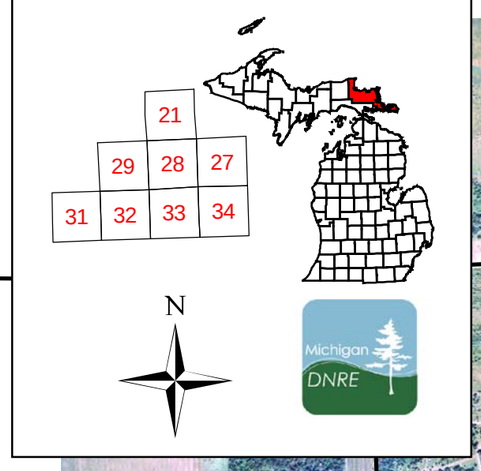

Stand # 23 — Stocking Density
(412)0) - A7
Level 3 Level 4 — OI Code
Cover Type Code

21
29
28
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26 6111-P6
38 4110-M6
44 622-L0
29 6112-P6
1 6112-P6
12 6119-E6
23 6120-C6
14 4110-M6
7 6119-E6
34 6120-C6
45 6119-E6
3 622-L0
2 6121-T1
30 6119-E6
17 6113-E4
21 6119-E6
35 4110-M6
43 6117-E6
15 6117-E3
27 500-Z0
42 6120-C3
8 6117-E6
6 6121-T9
16 6120-C9
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25 6112-P6
19 6117-E6
28 6119-E6
33 6115-E3
39 6112-P6
22 6117-E6
47 6129-Q5
49 500-Z0
20 6117-E6
31 4119-M9
41 6113-E6
24 6113-E6
48 6117-E4
40 500-Z0
37 6119-E6
50 6121-T1
32 6120-C6
36 6120-C6

18 Mile Rd
19 Mile Rd
E 19 Mile Rd
Allard Rd
S Tonnemaker Rd
S Kerdon Rd
Riverside Dr
Unknown
Dunbar Creek

46°16'0"N
46°15'0"N
46°14'0"N
84°21'0"W
84°20'0"W
84°19'0"W
84°18'0"W
84°17'0"W

Legend

- Miris Corners
- Remonumented Section Corners
- County Corners
- DNRE Corners
- Structures
- Cable
- Pipe
- Power
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Intermittent Stream/Drain
- Stream
- Stand Boundaries

Forest Stands

Level 3

411 - Northern Hardwood
413 - Aspen Types
419 - Mixed Upland Deciduous
611 - Lowland Deciduous Forest
612 - Lowland Coniferous Forest

Non-Forest Stands

Level 3

500 - Water
622 - Lowland Shrub

1 0.5 0 1 Miles

Dedicated & Proposed Special Conservation Area Map

Compartment 052
T45N, R01E, Sec. 21, 27-29, 31-34
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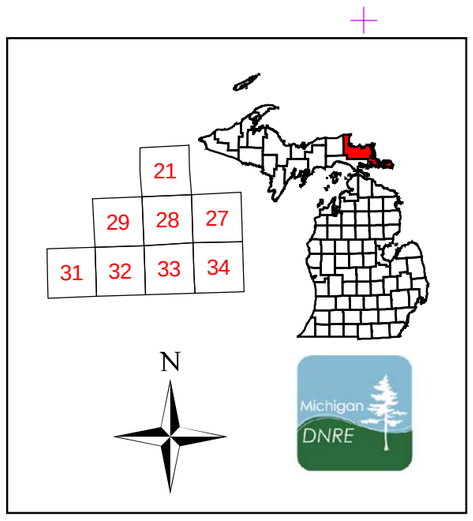
YOE: 2012
Acres: 2,907 GIS Calculated
Stand Examiner: Jason Caron
Map Revised: 8/13/2010
Map Phase: Pre-Review



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

21 29 28 27 32 33 34 31

10 **4112**-M6
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38 **4110**-M6
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20 **6117**-E6
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31 **4119**-M9
41 **6113**-E6
48 **6117**-E4
40 **500**-Z0
37 **6119**-E6
50 **6121**-T1
32 **6120**-C6
36 **6120**-C6

Legend

- Miris Corners
- Remonumented Section Corners
- Stand Boundaries

Proposed Special Conservation Areas

- SCA - Special Conservation Area
- SCA Removal

Dedicated Special Conservation Areas

- Wildlife Management Areas
- Deer Wintering Areas
- Cold Water Streams

Forest Stands

Level 3

411 - Northern Hardwood
413 - Aspen Types
419 - Mixed Upland Deciduous
611 - Lowland Deciduous Forest
612 - Lowland Coniferous Forest

Non-Forest Stands

Level 3

500 - Water
622 - Lowland Shrub

1 0.5 0 1 Miles

84°21'0"W 84°20'0"W 84°19'0"W 84°18'0"W 84°17'0"W
46°17'0"N 46°16'0"N 46°15'0"N 46°14'0"N

Table 1 – Total Acres by Cover Type and Age Class

Sault Ste. Marie Mgt. Unit **Compartment 052 Year of Entry 2012**

Data updated before 2:00 PM

Age Class

	Non-Forested	1-9	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	0	0	0	0	0	47	0	0	0	0	0	0	0	0	**47**
Cedar	0	0	0	0	10	0	0	0	0	0	581	0	0	0	0	**591**
Lowland Aspen/Balsam Poplar	0	0	0	0	0	68	102	97	0	0	0	0	0	0	0	**267**
Lowland Conifers	0	0	0	0	15	0	0	0	0	0	0	0	171	0	0	**186**
Lowland Deciduous	0	0	0	29	318	227	295	243	312	32	14	46	0	0	0	**1516**
Lowland Shrub	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**32**
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	**12**
Northern Hardwood	0	0	0	0	0	0	6	0	0	13	51	0	0	0	0	**71**
Tamarack	0	0	0	106	0	0	0	0	0	0	0	11	0	0	0	**117**
Water	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**69**
Total	**101**	**0**	**0**	**135**	**343**	**295**	**450**	**340**	**324**	**45**	**646**	**56**	**171**	**0**	**0**	**2907**

Table 2 – Proposed Treatment Summaries

Data updated before 2:00 PM

Sault Ste. Marie Mgt. Unit
Year of Entry 2012

Compartment 052
Total Compartment Acres: 2907

Acres by Treatment Type

Commercial Harvest - 202	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 71	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	47	0	0	0	0	0	**47**
Lowland Aspen/Balsam Poplar	109	0	0	0	0	0	**109**
Lowland Conifers	71	0	0	0	0	0	**71**
Tamarack	46	0	0	0	0	0	**46**
Total	**273**	**0**	**0**	**0**	**0**	**0**	**273**

Table 3 -- Treatments Prescribed with No Limiting Factor

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
			#Error						

Prescription Specs:

Other Comments:

Next Steps:

Total Treatment Acreage Proposed: **0**

Table 4 -- Treatments Prescribed with a Limiting Factor

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	**45052001-Cut**	26.1	6112 - Lowland Aspen	High Density Pole	65	Harvest	Clearcut with Reserves	Aspen, Spruce/Fir	Cmpt. Review Proposal

Prescription Specs: Clearcut with reserves. Do not cut oak, hemlock, pine, cedar if it exists within the sale.

Other Comment:

Next Steps: Follow up treatment with a regeneration survey as per work instructions. Acceptable regeneration includes: Aspen, spruce, fir, birch, and maple.

Limiting Factor and No Treatment Reason: 2G: Blocked by physical obstacle
Cannot get to from East due to drainage with wide and steep banks. The only way to harvest is if landwowner on the West side cuts his property.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
9	**45052009-Cut**	47.2	4139 - Aspen, Mixed Deciduous	High Density Pole	55	Harvest	Clearcut with Reserves	Aspen, Spruce/Fir	Cmpt. Review Proposal

Prescription Specs: Clearcut with reserves. Do not cut oak, hemlock, pine, basswood, ironwood, and cedar.

Other Comment:

Next Steps: Follow up treatment with a regeneration survey as per work instructions. Acceptable regeneration includes: Aspen, birch, maple, balsam, spruce.

Limiting Factor and No Treatment Reason: 2A: Adjacent landowner denies access
Letter is out in the mail. We'll see if we can get access.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
13	**45052013-Cut**	23.4	6112 - Lowland Aspen	High Density Pole	50	Harvest	Clearcut with Reserves	Aspen, Spruce/Fir	Cmpt. Review Proposal

Prescription Specs: Clearcut with reserves. Do not cut oak, hemlock, pine, ironwood, basswood, and cedar.

Other Comment:

Next Steps: Follow up treatment with a regeneration survey as per work instructions. Acceptable regeneration includes: Aspen, spruce, fir, birch, and maple.

Limiting Factor and No Treatment Reason: 2A: Adjacent landowner denies access
Letter is out in the mail. We'll see if they will allow us access into the sale.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
39	**45052039-Cut**	59.7	6112 - Lowland Aspen	High Density Pole	64	Harvest	Clearcut with Reserves	Aspen, Spruce/Fir	Cmpt. Review Proposal

Prescription Specs: Clearcut with reserves. Do not cut oak, hemlock, pine, cedar, and yellow birch if they exist.

Other Comment:

Next Steps: Follow up treatment with a regeneration survey as per work instructions. Acceptable regeneration includes: Aspen, birch, maple, balsam, spruce.

Limiting Factor and No Treatment Reason: 2A: Adjacent landowner denies access
Landowner did not return my message in allowing me to walk across his property to do inventory... If by chance he would cut his property in the future and we were fortunate enough to add this sale on as well it would be nice... It would be hard to get per

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Table 4 -- Treatments Prescribed with a Limiting Factor

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
47	**45052047_small-Cut**	70.7	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	114	Harvest	Clearcut with Reserves	Lowland Spruce-Fir	Cmpt. Review Proposal

Prescription Specs: Leave a random spruce or tamarack within the stand.

Other Comment:

Next Steps: Follow up treatment with a regeneration survey as per work instructions. Acceptable regeneration includes: Aspen, birch, maple, balsam, spruce, tamarack.

Limiting Factor and No Treatment Reason: 4C: Low volume (stocking/diameter)
Very poor quality timber. A tree here and there... If logger cuts stand 39 and wants to cut this, he can have it.

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
50	**45052050-Cut**	45.8	6121 - Tamarack	Low Density Sapling	28	Harvest	Clearcut	Multiple/Other – Specify in Comments	Cmpt. Review Proposal

Prescription Specs: Clearcut all species within stand to create a non-forested opening. All trees must be chipped and removed.

Other Comment:

Next Steps: Follow up treatment with a survey as per work instructions.

Limiting Factor and No Treatment Reason: 4A: No market for species/product
No chip market at the time being. However, if market does appear we could open this area back up.

Total Treatment Acreage Proposed: **273.0**

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6112 - Lowland Aspen	High Density Pole	26.1	65		Stand with a mix of aspen, red maple and white spruce. Aspen is poorer quality some large red maple w/in the stand.
2	6121 - Tamarack	Low Density Sapling	10.2	20		Small stand of swamp conifer. Tag alder is very thick.
5	6120 - Lowland Cedar	Low Density Pole	67.2	98		Stand is very wet. Cedar is poor quality. Very sparse stand... Thick tag alder.
6	6121 - Tamarack	High Density Log	10.7	102		Stand of decent quality tamarack. Very thick balsam fir within the understory.
7	6119 - Mixed Lowland Deciduous Forest	High Density Pole	12.1	50		Small stand of younger red maple with a mix of yellow birch and aspen. Yellow birch and red maple within the stand are of good quality. Aspen is poorer quality.
8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	22.4	45		Stand of aspen with a mix of other species. Ages vary depending on where you are in the stand. In some areas the wood is old and is falling apart. There also looks to have been some wind damage with some white spruce and black spruce tipped over.
9	4139 - Aspen, Mixed Deciduous	High Density Pole	47.2	55		Mixed stand of aspen, white birch,red maple, white spruce and balsam fir. White birch is starting to die out. Aspen is poor quality. North west corner of stand has a patch of red maple,sugar maple...
10	4112 - Maple, Beech, Cherry Association	High Density Pole	5.9	50	1-50	Small diameter hardwood pocket amongst the aspen stand. Hardwood is poor quality but will make for good diversity.
11	6121 - Tamarack	Low Density Sapling	49.9	20		Stand contains a mix of young swamp conifer and mixed deciduous... Small patches of larger timber exist within the stand. Very wet with alot of tag alder throughout.
12	6119 - Mixed Lowland Deciduous Forest	High Density Pole	29.2	60		Low ground with a mix of red maple, yellow birch, and aspen. All is of poorer quality. Ground is low and wet. Some nice yellow birch w/in stand.
13	6112 - Lowland Aspen	High Density Pole	23.4	50		Decent quality aspen with a thick understory of sapling/pole sized balsam.
14	4110 - Sugar Maple Association	High Density Pole	13.5	80	51-80	Small hardwood knob w/ some poorer quality sugar maple on it. Acreage low and basal area is low.
15	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	305.2	30		A mix of tag alder with patches of aspen,bam and balsam fir,.. Wood is younger with an old aspen here and there.
16	6120 - Lowland Cedar	High Density Log	25.9	90		Poor quality cedar stand. Balsam fir is extremely thick in the understory. Good area for rabbits.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
17	6113 - Lowland Maple	Low Density Pole	45.6	100	51-80	Stand consists of areas of big trees and areas of young pole to sapling sized timber. Some very large diameter red maple and yellow birch.
18	4199 - Other Mixed Upland Deciduous	Medium Density Pole	12.3	70	1-50	Stand of low quality hardwood. Sugar maple is small.. basswood and oak are decent. I'm keeping stand out of treatment to keep some age/structure diversity..
19	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	13.6	90	51-80	Small pocket of hardwoods along the drainage. Red maple, yellow birch, and white pine are large in diameter. Red maple is poor quality.
20	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	49.7	52		Aspen is decent quality in some spots and poor in others. The stand has a few red maple and white pine scattered throughout.
21	6119 - Mixed Lowland Deciduous Forest	High Density Pole	101.4	40		Stand of black ash mixed with red maple,balsam fir and cedar...ground is wet.
22	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	40.1	42		Stand contains a mix of species at various ages. The aspen within the stand consists of both younger and older wood. The balsam understory is very thick in some areas. Stand is wet with pockets of small diameter black ash.
23	6120 - Lowland Cedar	High Density Pole	33.1	90		Stand contains patches of cedar mixed with patches of black ash.
24	6113 - Lowland Maple	High Density Pole	214.1	64	1-50	Tough area to type out due to the large amount of swamp. Stand consists of swamp red maple w/a thick understory of balsam.
25	6112 - Lowland Aspen	High Density Pole	35.5	50		Nice stand of aspen with a mix of balsam fir and a little cedar in the understory.
26	6111 - Lowland Balsam Poplar	High Density Pole	68.5	42		Stand varies from a bam/yellow birch to an aspen,ash,red maple type. Ground is very wet. Most of the stand consists of younger timber. Stand was cut along time ago. red maple is nice in spots, young and straight.
28	6119 - Mixed Lowland Deciduous Forest	High Density Pole	29.3	20		Stand contains pockets of red maple, aspen, and ash... All of varying ages.
29	6112 - Lowland Aspen	High Density Pole	42.7	50		Stand of large diameter aspen with a thick understory of balsam fir and red maple. Aspen is poor quality. North half of the stand is old, South half is younger.
30	6119 - Mixed Lowland Deciduous Forest	High Density Pole	32.0	80		OI has it labeled as a P9 stand. Imagery looks like a red maple, aspen, bam type mix.
31	4119 - Mixed Northern Hardwoods	High Density Log	31.9	90		Pocket of red maple with some large diameter trees. Yellow birch and burr oak scattered within the stand as well.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
32	6120 - Lowland Cedar	High Density Pole	42.4	94		Stand contains pockets of very nice log/pole sized cedar and other pockets of low quality less dense cedar. Balsam fir is thick in some areas. Good deer cover.
33	6115 - Lowland Ash	High Density Sapling	12.9	30		very wet area, stagnant. black ash is in poor shape.
34	6120 - Lowland Cedar	High Density Pole	403.7	95		Large cedar stand. Decent quality cedar throughout. Southern edge is low and poorer quality however. Deer use is minimal, I noticed a few blowdowns from this winter that were hardly touched. Most of the deer activity is during the migration.
35	4110 - Sugar Maple Association	High Density Pole	9.9	90		Small hardwood knob amongst the low ground. OI typed it as a M8 stand.
36	6120 - Lowland Cedar	High Density Pole	8.9	94		Could not get back to this stand. I typed it out as the same stand in the SW corner of compartment... In looking at the imagery it looks very similar.
37	6119 - Mixed Lowland Deciduous Forest	High Density Pole	239.1	74	1-50	Tough area to type out... Large stand with alot of different species types... East side has a 4 wheeler trail I could follow off of private land. Ground is low with quite a few drainages dumping into the river. Timber type varies primarily from red maple to aspen pockets with a thick understory of balsam. Some spots have some very nice yellow birch regeneration.
38	4110 - Sugar Maple Association	High Density Pole	9.6	90		Unique stand for this compartment... A small hardwood knob surrounded by swamp. Sugar maple understory is nice, healthy regen. Some large sugar maple scattered amongst the stand.
39	6112 - Lowland Aspen	High Density Pole	70.4	64		Stand of aspen and bam that is decent in quality. Balsam and white spruce is scattered throughout. A fair amount of balsam fir blowdown on forest floor. I would cut this stand if I could get to it!
41	6113 - Lowland Maple	High Density Pole	57.6	74		Scattered aspen and red maple stand with a mix of balsam fir and red maple in the understory. Aspen is decent quality. Red maple is large diameter.
42	6120 - Lowland Cedar	High Density Sapling	10.0	30		OI comment says cedar diameter averaged 3". I would assume it is similar in size and density to the strip cuts to the South.
43	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	15.3	70		On air photo.... Stand looks to be a mix of black ash, cedar, red maple and aspen.
45	6119 - Mixed Lowland Deciduous Forest	High Density Pole	233.3	56		Stand of mixed species. Volume is extremely low in some areas. Hazel understory is thick in some areas. Red maple is decent quality but young in general. Ground is low.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
46	6129 - Mixed Coniferous Lowland Forest	High Density Sapling	15.3	30		Old strip cut. Stand is doing very well.. Cedar is coming back very well...I specifically bushwacked back to this stand to see what the regen was like... It was worth the effort, the regen is impressive!! Cedar is healthy and is doing well... OIPC says stand is 60 years old... Stand filled in well after it was cut... I estimated stand age at 30 years.
47	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	170.6	114		Sparse stand of black spruce,tamarack. Ground is very,very wet. timber is very poor quality.
48	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Pole	62.6	46		Very wet ground. Tag alder is extremely thick in northern part of stand. I found 2 junk cars w/in stand. Southern part of stand contains a mix of tag alder ,tamarack,and quaking aspen.
50	6121 - Tamarack	Low Density Sapling	45.8	28		I was unsure if I should type stand as forested or non-forest... Stand contains a lot of willow along w/ some white spruce, Scotch pine, tamarack,etc... The remaining openings will slowly fill in. Tamarack and white spruce are filling in thick in spots. Widlife ponds within the stand are nice!

6 – Nonforested Stands

Data updated before 2:00 PM

Compartment: 052
Year of Entry: 2012

Stand	Cover Type	Acres	Gen Cmts:
3	6220 - Alder/willow	27.5	High water table...
4	50 - Water	12.3	Thick area of willow, tag alder, michigan holly, etc... Ground is very, very wet.
27	50 - Water	40.3	Little Munuscong Flowage and a branch that flows into the Little Munuscong Flowage.
40	50 - Water	14.3	Large beaver pond that is very active with beavers. Multiple dams as you walk South into the pond.
44	6220 - Alder/willow	4.4	School creek flowage...
49	50 - Water	1.9	Small flow coming out of the black ash swamp on state land to the West.

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.

Data updated before 2:00 PM

Stand	SCA Type	SCA Name	Acres	Comments
multiple - see	**Unique Site - SCA**	45052_SCA	292.8	Discuss at compartment review to keep or get rid of?

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.

Data updated before 2:00 PM

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.