Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 146
Entry Year 2015
Acreage: 1,586
County Presque Isle
Management Area: Cheboygan Basin Moraines

Revision Date: 10/31/2013

Stand Examiner: Jeff Autenrieth

Legal Description:

T34N R2E SEC. 1, 11-13, 23, 24 T34N R3E SEC. 6,7 T35N R2E SEC. 22, 23, 36 T35N R3E SEC. 31

Identified Planning Goals:

Maintain and improve timber resources and wildlife habitat

Soil and topography:

Poorly drained organic soils, outwash sands, poorly drained sands. Topography is flat, lowland with some uplands mixed in.

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

Very broken state ownership. This compartment is made up of small blocks of state land surrounded by private.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

This compartment is within the Rainey River watershed with the river and its tributaries passing through the compartment.z

Wildlife Habitat Considerations:

This compartment consists of scattered parcels with good habitat for white-tailed deer, ruffed grouse, and snowshoe hare. Openings are mostly inaccessible but those reachable should be managed. Timber harvests should take into account potential for raptor nests. If clearcutting, leave large down woody debris for ruffed grouse and create brush piles where possible to produce habitat for hare.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured gladical till. Glacial drift thickness varies between 0 and 10 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is auarried for limestone/cement products near Alpena. Gravel pits are located in this area and potential appears to be good. This area is located to the north of the Niagaran reef trend. Addictional oil and gas from the reef trenc has some potential in this area and some of the state land is leased for oil and gas development. Antrim Shale is nor present.

Vehicle Access:

Limited to some areas of higher ground. Most of compartment is accessable only by foot or float plane.

Survey Needs:

None as of yet.

Recreational Facilities and Opportunities:

No facilities and limited opportunities.

Fire Protection:

Access would be limted.

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**

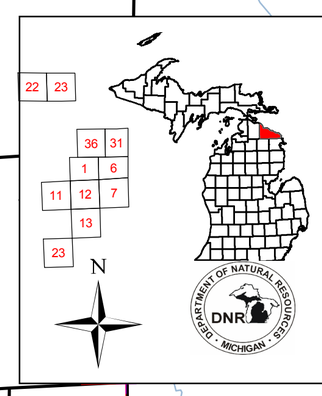
The following information is displayed, where pertinent, on the attached compartment maps:

- **Base feature information, stand boundaries, cover types, and numbers**
- **Proposed treatments**
- **Site condition boundaries**
- **Details on the road access system**

Cover Type & Treatment Map

Compartment: 146
T34N R02E
Sections 1, 11, 12, 13, 23
T34N R03E
Sections 6, 7
T35N R02E
Sections 22, 23, 36
T35N R03E
Sections 31
County: Presque Isle
Unit: Atlanta
YOE: 2015
Acres: 0 GIS Calculated
Examiner: Jeff Autenrieth
Map Revised: 09/10/2013
Map Phase: Web Post

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



Legend
- Miris Corners
- Remonumented Section Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Powerline
- Stream
- Intermittent Stream
- Lakes and Rivers
- Snowmobile Trails
- Snowmobile Trail

Treatments
- Other Treatment - See Comments
- Clearcut (w/Reserves, Patch/Strip)

Forest Stands
Level 3
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands
Level 3
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- State Forest Land

1 Miles 0.5 0

84°12'0"W 84°11'0"W 84°10'0"W 84°9'0"W 84°8'0"W 84°7'0"W 84°6'0"W
45°25'0"N 45°24'0"N 45°23'0"N 45°22'0"N 45°21'0"N 45°20'0"N 45°19'0"N

Stand Boundary Map

Compartment: 146
T34N R02E
Sections 1, 11, 12, 13, 23
T34N R03E
Sections 6, 7
T35N R02E
Sections 22, 23, 36
T35N R03E
Sections 31
County: Presque Isle
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YOE: 2015
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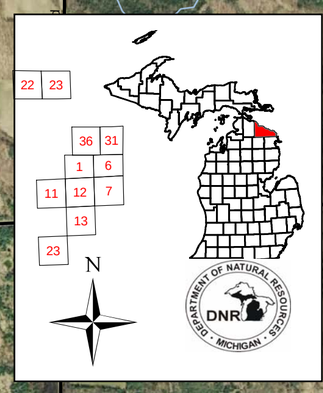

Legend
- Miris Corners
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- County Poor Dirt Roads
- Powerline
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- Intermittent Stream
- Snowmobile Trails
- Snowmobile Trail
- Stand Boundaries

Stand 22: 1 4211-R6; 2 4131-A6; 3 4239-MC6; 4 4211-R6; 5 429-MC6; 6 6117-E6; 7 4211-R6; 8 6117-E6; 9 500-Z0; 10 4199-MD6; 11 6118-E6; 12 6117-E6; 13 622-L0; 14 4131-A3; 15 6117-E6; 16 4221-R9; 17 4139-A6; 18 4199-MD6; 19 4231-F2; 20 4211-R9; 21 4130-A3; 22 6111-P3

Stand 23: 24 310-G0; 25 622-L0; 26 6124-Q6; 27 622-L0; 28 6124-Q6; 29 6120-C3; 30 6118-E3; 31 6120-C6; 32 622-L0; 33 6120-C6; 34 6113-E6; 35 6117-E6; 36 6128-Q6; 37 6120-C6; 38 6128-Q6; 47 6128-Q6

Stand 11: 39 6124-Q6; 40 6120-C6; 41 6117-E8; 42 6120-C6; 43 622-L0; 44 6130-LM6; 45 6117-E6; 46 6117-E3; 48 4139-A3; 49 6117-E6; 50 6128-Q9; 51 6120-C6; 52 6139-LM6

Stand 12: 53 310-G0; 56 6130-LM6; 57 6124-Q6; 59 6129-Q6; 60 6124-Q6; 61 310-G0; 62 6129-Q6; 63 6120-C3; 64 622-L0; 65 6124-Q6

Stand 7: 54 622-L0; 55 500-Z0; 58 6120-C6

Stand 1: 66 622-L0

Stand 13: 67 6128-Q6; 68 622-L0; 69 6120-C9; 70 6130-LM6; 71 4199-MD6

1 0.5 0 1 Miles

Special Conservation Areas & Site Conditions Map

Compartment: 146
T34N R02E
Sections 1, 11, 12, 13, 23
T34N R03E
Sections 6, 7
T35N R02E
Sections 22, 23, 36
T35N R03E
Sections 31
County: Presque Isle
Unit: Atlanta
YOE: 2015
Acres: 0 GIS Calculated
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Stand # 23 — Stocking Density
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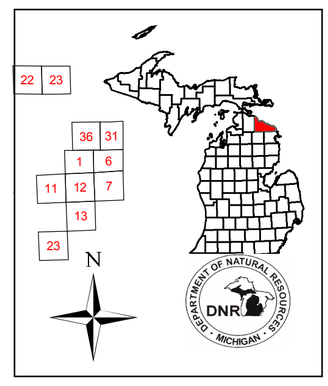
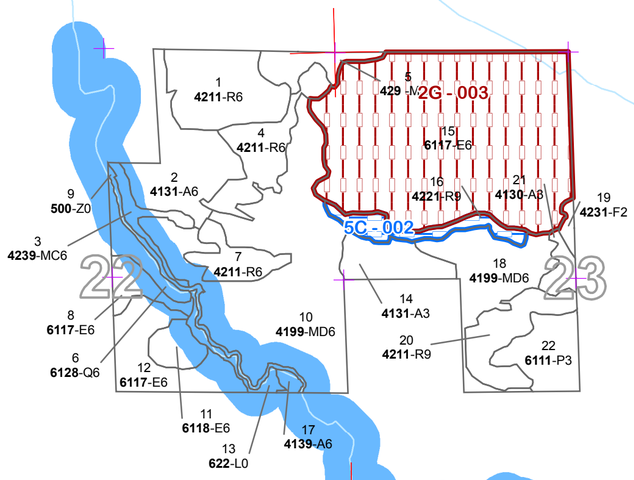
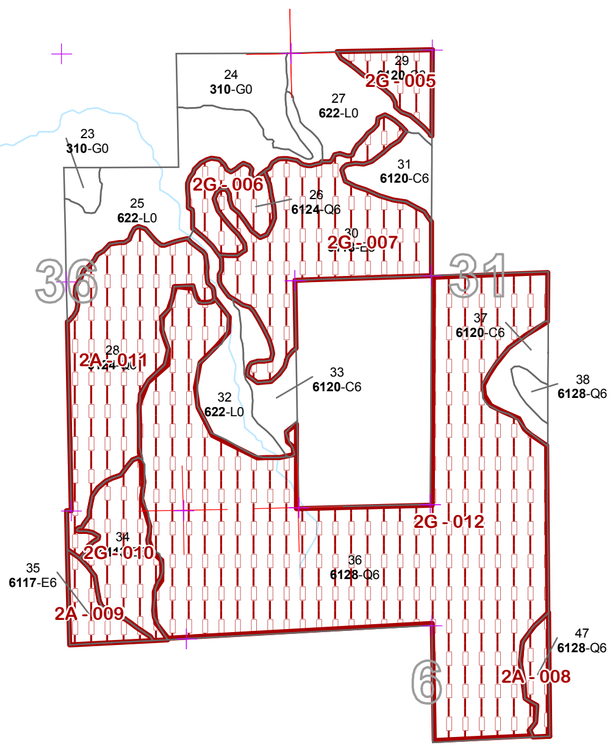


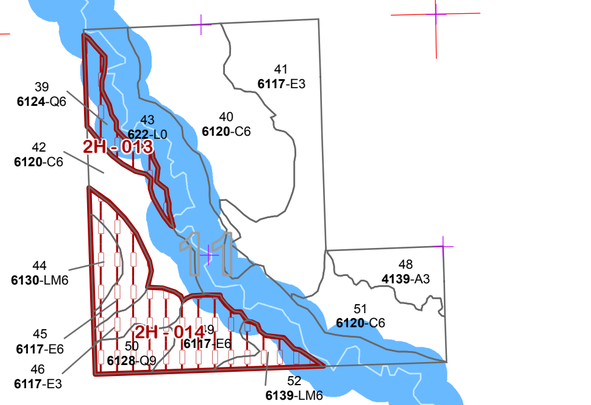


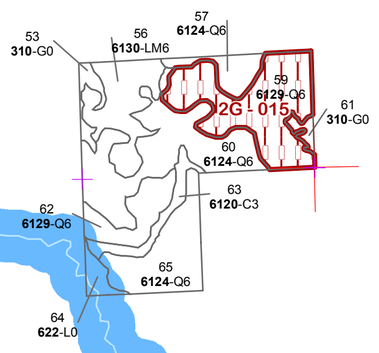
Legend
- Miris Corners
- Remonumented Section Corners

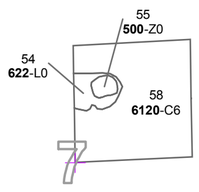
Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)

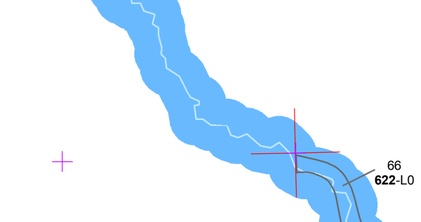
Dedicated Special Conservation Areas
- High Priority Trout Stream Buffer
- Cold Water Lakes
- Cold Water Streams
- Stand Boundaries

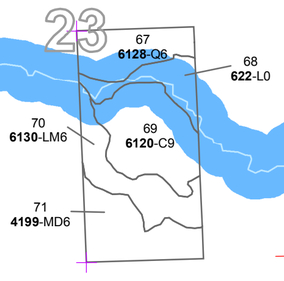












1 0.5 0 1 Miles

84°12'0"W 84°11'0"W 84°10'0"W 84°9'0"W 84°8'0"W 84°7'0"W 84°6'0"W
45°25'0"N 45°24'0"N 45°23'0"N 45°22'0"N 45°21'0"N 45°20'0"N 45°19'0"N 45°18'0"N

Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit **Compartment 146 Year of Entry 2015**

Jeffrey Autenrieth : 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	29	0	0	0	24	0	1	0	0	0	0	0	0	0	**55**
Cedar	0	0	0	0	0	0	5	0	0	156	47	0	0	0	**208**
Herbaceous Openland	30	0	0	0	0	0	0	0	0	0	0	0	0	0	**30**
Lowland Aspen/Balsam Poplar	14	0	0	0	0	0	0	0	0	0	0	0	0	0	**14**
Lowland Conifers	0	0	0	0	61	0	12	9	0	130	302	0	0	0	**514**
Lowland Deciduous	0	0	50	0	0	0	31	131	26	101	0	0	0	0	**339**
Lowland Mixed Forest	0	0	0	16	0	0	16	0	0	12	0	0	0	0	**43**
Lowland Shrub	173	0	0	0	0	0	0	0	0	0	0	0	0	0	**173**
Mixed Upland Deciduous	0	0	0	0	0	0	18	0	100	0	0	0	0	0	**118**
Red Pine	0	0	0	0	0	64	0	0	8	0	0	0	0	0	**72**
Upland Conifers	0	0	0	0	0	7	0	0	0	0	5	0	0	0	**13**
Upland Spruce/Fir	2	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
Water	6	0	0	0	0	0	0	0	0	0	0	0	0	0	**6**
Total	**254**	**0**	**50**	**16**	**85**	**72**	**83**	**140**	**135**	**399**	**353**	**0**	**0**	**0**	**1586**

Report 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit
Year of Entry 2015

Compartment 146
Total Compartment Acres: 1,586

Acres by Treatment Type

Commercial Harvest - 73	Tree Planting - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 22	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen Types	24	0	0	0	0	0	**24**
Mixed Upland Deciduous	49	0	0	0	0	0	**49**
Total	**73**	**0**	**0**	**0**	**0**	**0**	**73**

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
2	54146002-Cut	24.2	4131 - Aspen, Oak	High Density Pole	49	1-50	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal

Prescription Specs: Final Harvest. Leave all white oak and red pine. Leave 3-10% retention.

Other Comments:

Next Steps: Acceptable regen can be of medium/well stocked aspen, maple, oak, and pine.

Proposed Start Date: 10/01/2014

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
10	54146010-Cut_small	31.6	4199 - Other Mixed Upland Deciduous	High Density Pole	81	51-80	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal

Prescription Specs: Final harvest. Leave 1-3 oak per acres. Do not cut any white pine. Only cut north part of the stand. Follow treatment line for break. Leave 3-10% retention.

Other Comments:

Next Steps: Acceptable regen can be of medium to well stocked aspen, oak, maple, or pine.

Proposed Start Date: 10/01/2014

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
71	54146071-Cut	17.5	4199 - Other Mixed Upland Deciduous	High Density Pole	65	51-80	Harvest	Clearcut	4116 - Mixed N. Hardwood - Aspen	Cmpt. Review Proposal

Prescription Specs: Final harvest. Leave 3-10% retention along wet area to the north. Buffer any stick nests and notify biologist. Push sale boundary north as far as possible.

Other Comments:

Next Steps: Acceptable regen can be of medium to well stocked mixed northern hardwoods and aspen.

Proposed Start Date: 10/01/2014

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
24	NF_54146024-NonFor	21.8	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal

Prescription Specs: Use fire or mechanical methods to maintain opening.

Other Comments:

Next Steps: Monitor and maintain on rotation.

Proposed Start Date: Unspecified

Total Treatment Acreage Proposed: 95.1

Report 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
		#Type!	#Type!							

Prescription Specs:

Other Comment:

Next Steps:

Proposed Start Date: #Type!

Limiting Factor

Total Treatment Acreage Proposed: **0.0**

Report 5 – Site Conditions

Atlanta Mgt. Unit

Jeff Autenrieth : Examiner

Compartment 146

Year of Entry 2015

Availability for Management

Total Acres	Acres Available	Acres Not Available		Dominant Site Conditions No	5C	2H	2G	2A
55	55		**Aspen**	55				
208	196	12	**Cedar**	196			12	
14	14		**Lowland Aspen/Balsam Poplar**	14				
513	91	422	**Lowland Conifers**	91		19	328	74
338	81	257	**Lowland Deciduous**	81		31	215	10
43	31	12	**Lowland Mixed Forest**	31		12		
118	118		**Mixed Upland Deciduous**	118				
72	72		**Red Pine**	64	8			
12	12		**Upland Conifers**	12				
2	2		**Upland Spruce/Fir**	2				
1,375	672	703	Total Forested Acres	663	8	63	556	84
	49%	51%	Relative Percent					

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
002	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	8				

Comments:

Only stand of natural mature pine in this block of the compartment

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
003	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	120				

Comments:

Stand has wet, mucky soils. There is still obvious damage from previous logging operations. There is several drainages and vernal ponds within stand. Water causing stunted growth.

005	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	12		

Comments:

006	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	16		

Comments:

Stand has wet, mucky soils. There is several drainages and vernal ponds within stand. Water causing stunted growth.

007	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	69	2B: Unknown if access through adjacent landowner(s) is possible	

Comments:

Stand has wet, mucky soils. There is several drainages and vernal ponds within stand. Water causing stunted growth.

008	**Not Available**	**2A: Adjacent landowner denied access**	7		

Comments:

Landowner previously denied access, no response this entry. Too wet to access from state land.

009	**Not Available**	**2A: Adjacent landowner denied access**	10		

Comments:

Adjacent landowner allows access to staff for recon purposes, but denies use of two-track for logging purposes. Too wet to access from state land, drainage flows on east side of stand from northwest to south east.

010	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	26	2A: Adjacent landowner denied access	

Comments:

Stand is submerged in water. Trees are growing on hummocks or dead nurse trees. Waterline on trees suggest periods of major flooding.

011	**Not Available**	**2A: Adjacent landowner denied access**	67	2G: Too wet (sensitive soils, does not include access issues)

Comments:

Stand slopes down to the east, where it begind to be substantially wetter. Adjacent landowner allows DNR staff access, but denies access for logging operations. There is no access from the east due to the drainages.

012	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	286

Comments:

Some blow down, open pockets filled with tag alder. Saturated soils. Flowing and standing water throughout stand with some creeks and a stream. Soils are extremely sensitive. There is no bottom in some areas of muck.

013	**Not Available**	**2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)**	11	2B: Unknown if access through adjacent landowner(s) is possible

Comments:

014	**Not Available**	**2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)**	52	2B: Unknown if access through adjacent landowner(s) is possible

Comments:

Rainey River to the east. Landowners did not respond to request for access.

015	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	28

Comments:

Some blow down. Stand has several vernal ponds, standing and flowing water through out. Saturated soils through out stand.

Report 6 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres

Comments

Report 7 – 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 Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42110 - Planted Red Pine	High Density Pole	23.6	51	111-140	Thinned last entry.
2	4131 - Aspen, Oak	High Density Pole	24.2	49	1-50	
3	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	5.1	105		Stand follows along river and drainage.
4	42110 - Planted Red Pine	High Density Pole	16.7	51	111-140	Thinned recently.
5	429 - Mixed Upland Conifers	High Density Pole	7.5	51	51-80	Red pine was thinned with adjacent pine plantation.
6	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	6.1	62		
7	42110 - Planted Red Pine	High Density Pole	9.1	51	111-140	
8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	6.3	62		
10	4199 - Other Mixed Upland Deciduous	High Density Pole	77.0	81	51-80	New stand added.
11	6118 - Lowland Deciduous with Cedar	High Density Pole	6.1	62		
12	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	18.7	62		
14	4131 - Aspen, Oak	High Density Sapling	11.4	3		
15	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	120.3	78		Stand has wet, mucky soils. There is still obvious damage from previous logging operations. There is several drainages and vernal ponds within stand. Water causing stunted growth.
16	42210 - Natural Red Pine	High Density Log	8.4	81	51-80	Stand buffers wet area.
17	4139 - Aspen, Mixed Deciduous	High Density Pole	1.3	62		
18	4199 - Other Mixed Upland Deciduous	High Density Pole	23.2	81		
19	42310 - Planted Spruce	Medium Density	1.7	8		Species include doug-fir, fraser fir, engelman spruce, and concolor fir.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
20	42110 - Planted Red Pine	High Density Log	14.8	52	141-170	Thinned last entry.
21	4130 - Aspen	High Density Sapling	4.0	3		Cut last entry.
22	6111 - Lowland Balsam Poplar	High Density Sapling	13.8	3		Stand swapped from Non-Forested to Forested. Very wet with vernal ponds. Cut last entry.
26	6124 - Lowland Spruce-Fir	High Density Pole	15.6	96		Stand has saturated soils. There is standing and flowing water around stand.
28	6124 - Lowland Spruce-Fir	High Density Pole	66.8	96		Stand slopes down to the east, where it begind to be substantially wetter. Adjacent landowner allows DNR staff access, but denies access for logging operations. There is no access from the east due to the drainages.
29	6120 - Lowland Cedar	High Density Sapling	11.8	96		Stand has saturated soils and is landlocked by private to the north and east, and by a lowland drainage to the south west.
30	6118 - Lowland Deciduous with Cedar	High Density Sapling	69.0	96		Some blow down. Saturated soils with standing and flowing water. Muck soils.
31	6120 - Lowland Cedar	High Density Pole	12.5	90		Stand is very wet. Saturated muck sioils with flowing and standing water. Soils are sensitive to disturbance.
33	6120 - Lowland Cedar	High Density Pole	12.4	96		Stand has saturated soils with standing and flowing water in several drainages.
34	6113 - Lowland Maple	High Density Pole	26.3	88		Stand is submerged in water. Trees are growing on hummocks or dead nurse trees. Waterline on trees suggest periods of major flooding.
35	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	10.4	79		Saturated soils in stand. Several ponds and drainages throughout stand. Land owner allows access for staff but not for logging operations. Spruce, cedar, and most balsam fir found on eastern edge of stand.
36	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	290.7	100		Some blow down, open pockets filled with tag alder. Saturated soils. Flowing and standing water throughout stand with some creeks and a stream. Soils are extremely sensitive. There is no bottom in some areas of muck.
37	6120 - Lowland Cedar	High Density Pole	11.0	100		
38	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	3.4	100		
39	6124 - Lowland Spruce-Fir	High Density Pole	10.9	91		Stand under water

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
40	6120 - Lowland Cedar	High Density Pole	54.3	95		Some blowdown
41	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	49.9	24		Standing water in parts of stand. Rutting still visible from last harvest. Skid trails still visible and provide walking access through most of stand. Some beaver activity along river.
42	6120 - Lowland Cedar	High Density Pole	19.6	95		
44	6130 - Fir, Aspen, Maple	High Density Pole	5.8	93		
45	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	10.0	91		
46	6117 - Lowland Deciduous, Mixed Coniferous	High Density Sapling	7.2	91		
47	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	7.4	100		
48	4139 - Aspen, Mixed Deciduous	High Density Sapling	14.1	3		
49	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	14.5	95		Stand is currently under water.
50	6128 - Lowland Coniferous, Mixed Deciduous	High Density Log	8.6	91		
51	6120 - Lowland Cedar	High Density Pole	22.2	95		Some blow down.
52	6139 - Mixed Lowland Forest	High Density Pole	6.4	91		Stand is currently underwater.
56	6130 - Fir, Aspen, Maple	High Density Pole	15.6	62		Invasive honeysuckle?
57	6124 - Lowland Spruce-Fir	High Density Pole	5.8	60		Old skid trails present. Accessable by foot. Some low areas that have standing and flowing water. Soils are saturated in most areas. Some drainages.
58	6120 - Lowland Cedar	High Density Pole	35.6	100		
59	6129 - Mixed Coniferous Lowland Forest	High Density Pole	28.3	91		Some blow down. Stand has several vernal ponds, standing and flowing water through out. Saturated soils through out stand.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
60	6124 - Lowland Spruce-Fir	High Density Pole	29.6	40		Lots of blow down. Saturated soils. Some pockets of pure fir and spruse. Stand is made up of a conglomerant of small "P" type stand.
62	6129 - Mixed Coniferous Lowland Forest	High Density Pole	9.3	77		
63	6120 - Lowland Cedar	High Density Sapling	5.3	60		
65	6124 - Lowland Spruce-Fir	High Density Pole	17.3	40		Some blowdown.
67	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	13.9	42		
69	6120 - Lowland Cedar	High Density Log	23.4	93	200+	Stand has flowing and standing water. Soils are saturated. Stem quality is poor, most log size trees have significant sweep, crook, or multiple stems. Evidence of previous white pine logging and major fire event.
70	6130 - Fir, Aspen, Maple	High Density Pole	15.6	39		Drainage flows through eastern part of stand.
71	4199 - Other Mixed Upland Deciduous	High Density Pole	17.5	65	51-80	Stick nest in stand. Two different species oh raptor were observed.

Report 9 – Nonforested Stands

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
9	50 - Water	4.2	No	Unspecified	Rainy River
13	6229 - Mixed lowland shrub	3.3	No	Unspecified	
23	3102 - Grass	4.1	No	Unspecified	
24	3102 - Grass	21.8	No	Unspecified	
25	6229 - Mixed lowland shrub	45.1	No	Unspecified	Some scattered trees
27	6229 - Mixed lowland shrub	23.2	No	Unspecified	
32	6229 - Mixed lowland shrub	20.0	No	Unspecified	
43	6229 - Mixed lowland shrub	52.8	No	Unspecified	Rainy River
53	3102 - Grass	2.7	No	Unspecified	
54	6229 - Mixed lowland shrub	3.1	No	Unspecified	
55	50 - Water	1.3	No	Unspecified	
61	3102 - Grass	1.7	No	Unspecified	
64	6229 - Mixed lowland shrub	2.8	No	Unspecified	
66	6229 - Mixed lowland shrub	13.7	No	Unspecified	
68	6229 - Mixed lowland shrub	8.8	No	Unspecified	