Compartment Review Presentation

Gladwin Forest Management Unit

Compartment 41
Entry Year 2015
Acreage: 11,360
County Gladwin
Management Area: Gladwin Lake Plain

Revision Date: 04/12/2013

Stand Examiner: Steven Nyhoff

Legal Description:

T19N R2E; Sections 1-5, 12; T19N R3E; Sections 6, 7; T20N R2E; Sections 20-29, 32-36; T20N R3E; Sections 19, 30, 31

Identified Planning Goals:

Compartment 41 is the Lame Duck Foot Access Area (L.D.F.A.A.). It is located in northeast Gladwin County and a portion of western Arenac County. The L.D.F.A.A. was established in 1998 to provide the public with a place for foot access only recreation.

Wildlife management for game species is the primary focus of the area. It is not a designated natural or wilderness area but is managed for timber production and wildlife habitat like other State Forest land. Even before the establishment of the L.D.F.A.A. the area has been extensively managed for early successional ecosystems where the soils permit. The harvests have regenerated well in the past. However, in the last decade the regeneration has had mixed results. As such some areas need to be interplanted with conifer to bring them up to full stocking. The compartment also has extensive stands of ash and swamp hardwoods. Many of these stands are on soils that are too wet for harvest. However, where possible, harvest in these timber types favoring the removal of ash is recommended.

In addition, the compartment has a number of maintained wildlife openings. Many are maintained with a permanent meadow mix and are mowed regularly to hinder brush and tree encroachment.

Soil and topography:

The topography of the compartment is mainly flat to undulating. Many of the stands have extensive micro- relief or consist of ridges and swales. The main soil types are Iosco-Menominee-Brevort association, Iosco-Au Gres-Ingalls association, and Iosco-Brevort-Ingalls associations. These soil associations are a mix of moderately well drained to very poorly drained soils. Therefore, stands are often a mixture of uplands and lowlands, leading to significant variability within a stand in composition of species and the size of the overstory.

Other major soil types are Hettinger-Brevort-Burleigh association, Roscommon-Denford association, and Roscommon mucky sand. These soils are in the drainages and under some of the wetlands within the compartment. In addition, there is a large area with the Roscommon-Tawas association. This soil association lies under a large hardwood swamp that is mainly black ash, willow, green ash, and red maple. It has extensive micro-relief being hummocks separated by standing water and organic soil.

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

The compartment is one large contiguous block of state ownership. There are private land holdings along the east and west sides of the compartment. Along the west side there are many recreational properties and permanent residences just outside the boundaries. The east side has mainly recreational properties. The north and south boundaries border State Forest land.

Unique Natural Features:

The Michigan Natural Features Inventory database identifies the occurrence of Bald Eagle (Haliaeetus leucocephalus), a species of special concern, within the compartment.

Archeological, Historical, and Cultural Features:

The Hard Luck lumber camp was located near this compartment. Therefore, the area has an extensive system of narrow gage railroad beds. Many can still be seen on imagery.

Special Management Designations or Considerations:

The compartment is the L.D.F.A.A. It is a High Conservation Value Area (H.C.V.A.). The plan for the area does not allow the harvest of timber between September 15 and December 15.

Watershed and Fisheries Considerations:

The area has extensive wetlands that drain to the south and south east. Much of the area is the headwaters of the Molasses River. The Molasses River Flooding's 1 and 2 are present in the compartment. Currently Flooding 2 has had the boards removed from its control structure and the control structure on Flooding 1 is in need of some repair.

Portions of the compartment's northwest boundary lie within the East Branch of the Tittabawassee River watershed. The river receives southwest flowing runoff and wetland drainage from this part of the compartment.

Wildlife Habitat Considerations:

Compartment 41 is the Lame Duck Foot Access Area that has a high wildlife management value, with hunting as a featured activity. Foot access is the only means of entry to this compartment, with the exception of posted open trails that allow road licensed vehicles the opportunity to ingress the interior of the area up to 1/4 mile from the perimeter boundary. This compartment includes the Molasses River Flooding #2. Both upland and lowland systems are present, making it suitable for a number of wildlife species. The majority of stands are lowland cover types. Furbearers including beaver, mink, muskrat, black bear, bobcat, and coyote use the lowlands as corridors as well as year-round habitiat. Game species likely to be present in this compartment include black bear, bobcat, raccoon, coyote, wood duck, wild turkey, ruffed grouse, snowshoe hare, and white-tailed deer. The compartment is easily accessible to hunters via the Sterling Truck Trail or the Lame Duck Truck Trail.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of fine-textured glacial till and lacustrine (lake) sand and gravel. The glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift are the Pennsylvanian Grand River and Saginaw Formations. The Saginaw Formation is used for clay/shale in other areas of the State. This area is predominantly sand, and gravel potential in the compartment is considered limited. Very little oil and gas exploration has occurred in this compartment. There are no State oil and gas leases in the compartment, but lands to the south are leased.

Vehicle Access:

This area is restricted to foot traffic only. Foot traffic includes cross-country skiing, hiking, and snowshoeing. No mechanically driven vehicles are allowed except on designated county roads and in designated parking areas. This restriction includes two and four wheel drive vehicles, motorcycles, snowmobiles, ORV's, and bicycles. In addition horses and other pack animals are prohibited.

Only DNR and authorized commercial equipment are permitted for such things as timber harvest, habitat maintenance, and tree planting.

Survey Needs:

The area been extensively surveyed. No new survey is currently needed.

Recreational Facilities and Opportunities:

This large compartment contains no designated/signed recreational trails, but does provide extensive recreational hunting opportunities. Numerous parking areas, coupled with extensive foot access only trails provides for ample hunting prospects. The M-30 North Gladwin MCCCT motoriized trail is located on the Sterling Truck Trail, along the SW boundary of this compartment. (TMN 5/6)

Fire Protection:

The L.D.F.A.A. receives considerable foot traffic and hunting pressure. The potential is high for fire starts. Although the compartment lacks many of the explosive fuel types, it is heavy to aspen. However, the area has many natural fuel breaks in the form of wet drainages and swamps. Therefore, fire sizes may potentially be restricted, due to these natural fuel breaks.

Should a wildfire occur, suppression personnel and equipment will generally encounter difficult access. Additionally, because of the many organic soil inclusions and extensive pine stump fields in the area; mop-up and control may prove problematic.

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**

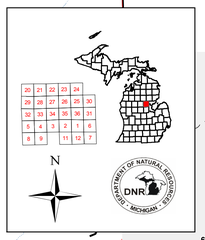
The following information is displayed, where pertinent, on the attached compartment maps:

- **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: 041
T19N R02E Sec. 1-5, 8, 9, 11, 12
T19N R03E Sec. 6, 7
T20N R02E Sec. 20-29, 32-36
T20N R03E Sec. 30, 31
County: Gladwin
Unit: Gladwin
YOE: 2015
Acres: 11,361 GIS Calculated
Examiner: Steven Nyhoff
Map Revised: 05/23/2013
Map Phase: Pre-Review

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



Legend

- Remonumented Section Corners
- Miris Corners
- Survey Grade Corner
- GPS Survey Corner
- Gate
- Berms
- Hunter Walking Trails
- Motorcycle Trails (SOS License)
- Motorcycle (SOS License)
- MCCCT Trail
- Hunter Access Parking
- Interstate Highway
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Pipeline
- Powerline
- Stream
- Intermittent Stream
- Lakes and Rivers
- State Forest Land

Non-Forest Regeneration

- Natural
- Planted

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Selection (Group, Single Tree)
- Planting (tree species)
- Mowing
- Regeneration Survey
- Other Treatment - See Comments

Forest Stands
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands
Level 3

- 211 - Cropland
- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland

1 0.5 0 1 Miles

Compartment: 041
T19N R02E Sec. 1-5, 8, 9, 11, 12
T19N R03E Sec. 6, 7
T20N R02E Sec. 20-29, 32-36
T20N R03E Sec. 30, 31
County: Gladwin
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Acres: 11,361 GIS Calculated
Examiner: Steven Nyhoff
Map Revised: 05/23/2013
Map Phase: Pre-Review
Stand #
Stocking Density
23
(412)0) - A7
Level 3
Level 4
Cover Type Code
Stand Boundary Map
Legend
Remonumented Section Corners
Miris Corners
Hunter Access Parking
Motorcycle Trails
Motorcycle (SOS License)
MCCCT Trail
Interstate Highway
Highway
County Paved Roads
Paved Roads
County Gravel Roads
Gravel Roads
Poor Dirt Roads
County Poor Dirt Roads
Trail (Non-Recreation)
Closed Roads
Forest Stands
Level 3
411 - Northern Hardwood
412 - Oak Types
413 - Aspen Types
414 - Other Upland Deciduous
419 - Mixed Upland Deciduous
422 - Natural Pines
423 - Other Upland Conifers
429 - Mixed Upland Conifers
431 - Upland Mixed Forest
611 - Lowland Deciduous Forest
612 - Lowland Coniferous Forest
613 - Lowland Mixed Forest
Non-Forest Stands
Level 3
211 - Cropland
310 - Herbaceous Openland
330 - Low-Density Trees
622 - Lowland Shrub
623 - Emergent Wetland

Special Conservation Areas & Site Conditions Map

Compartment: 041
T19N R02E Sec. 1-5, 8, 9, 11, 12
T19N R03E Sec. 6, 7
T20N R02E Sec. 20-29, 32-36
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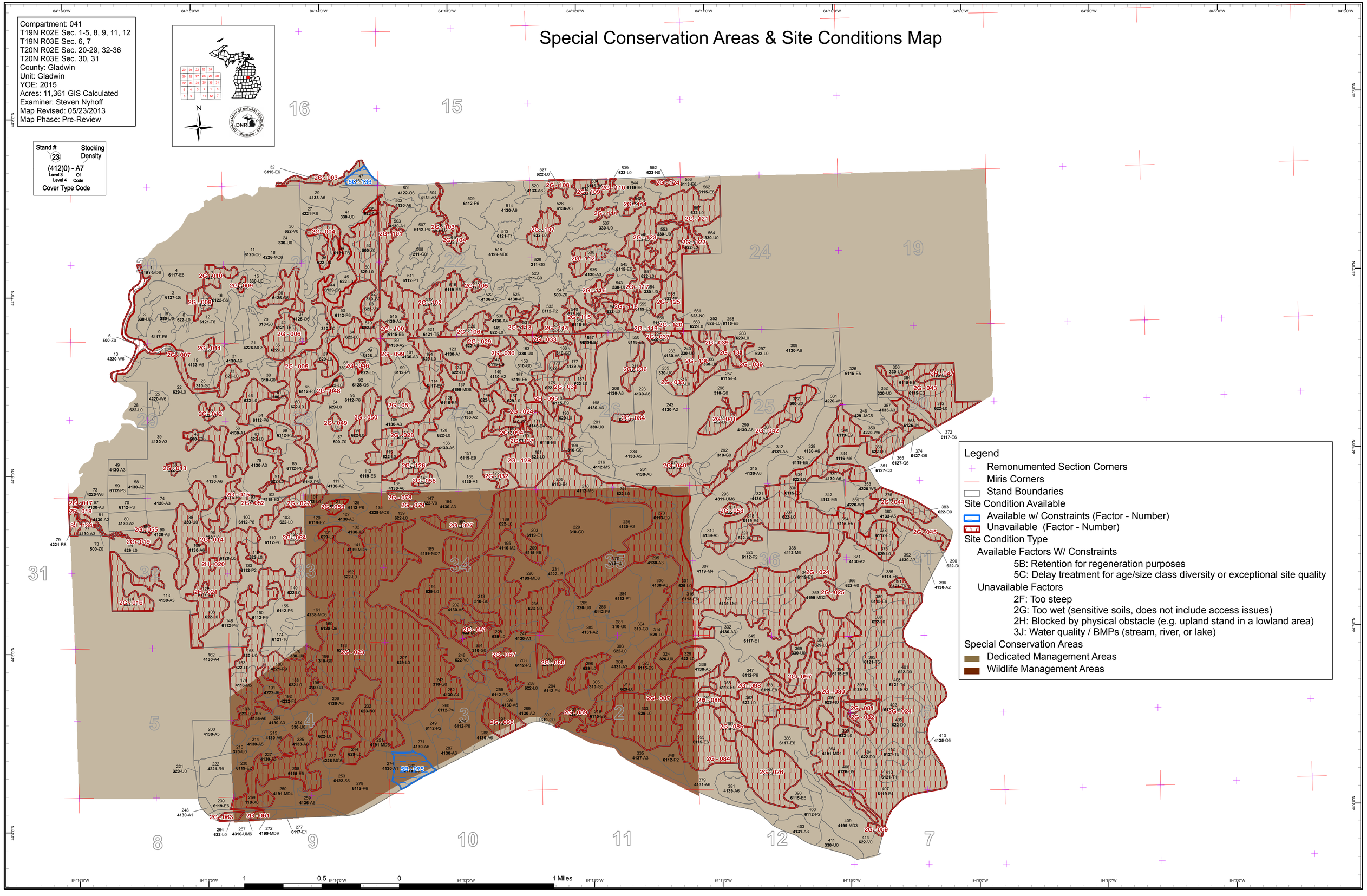

Legend

- Remonumented Section Corners
- Miris Corners
- Stand Boundaries

Site Condition Available

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

Site Condition Type

Available Factors W/ Constraints

- 5B: Retention for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality

Unavailable Factors

- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)

Special Conservation Areas

- Dedicated Management Areas
- Wildlife Management Areas

1 0.5 0 1 Miles

Report 1 – Total Acres by Cover Type and Age Class

Gladwin Mgt. Unit **Compartment 041 Year of Entry 2015**

Steven Nyhoff : 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	215	618	801	429	725	46	0	0	0	0	0	0	0	0	**2834**
Bog	50	0	0	0	0	0	0	0	0	0	0	0	0	0	**50**
Cedar	0	0	0	0	0	0	0	0	0	7	0	0	0	0	**7**
Cropland	16	0	0	0	0	0	0	0	0	0	0	0	0	0	**16**
Herbaceous Openland	336	0	0	0	0	0	0	0	0	0	0	0	0	0	**336**
Jack Pine	0	0	0	25	0	10	0	0	0	0	0	0	0	0	**35**
Low-Density Trees	430	0	0	0	0	0	0	0	0	0	0	0	0	0	**430**
Lowland Aspen/Balsam Poplar	49	97	303	351	323	83	9	0	0	0	0	0	0	0	**1215**
Lowland Conifers	0	8	3	35	26	11	6	0	0	0	0	0	0	0	**89**
Lowland Deciduous	0	37	63	233	86	112	57	316	183	129	25	0	0	261	**1502**
Lowland Mixed Forest	0	119	0	0	0	0	0	0	0	0	0	0	0	0	**119**
Lowland Shrub	2873	0	0	0	0	0	0	0	0	0	0	0	0	0	**2873**
Lowland Spruce/Fir	0	0	6	0	0	0	15	0	0	0	0	0	0	0	**21**
Marsh	283	0	0	0	0	0	0	0	0	0	0	0	0	0	**283**
Mixed Upland Deciduous	0	81	35	55	0	0	226	69	79	0	0	0	0	0	**545**
Natural Mixed Pines	0	0	0	18	0	0	0	29	18	0	0	0	0	0	**66**
Northern Hardwood	0	13	0	18	13	0	28	78	75	0	0	0	0	0	**225**
Oak	0	21	0	45	0	0	0	0	0	0	0	0	0	0	**66**
Paper Birch	0	0	0	2	0	0	0	8	0	0	0	0	0	0	**9**
Red Pine	0	0	0	13	0	28	0	0	0	0	5	0	0	0	**46**
Tamarack	0	9	12	7	97	0	0	4	0	0	0	0	0	4	**133**
Treed Bog	175	0	0	0	0	0	0	0	0	0	0	0	0	0	**175**
Upland Conifers	0	0	14	0	26	19	0	0	0	0	0	0	0	0	**59**
Upland Mixed Forest	0	0	0	0	9	0	0	0	0	0	0	0	0	0	**9**
Upland Shrub	35	0	0	0	0	0	0	0	0	0	0	0	0	0	**35**
Upland Spruce/Fir	0	0	0	0	6	0	0	0	0	0	0	0	0	0	**6**
Urban	11	0	0	0	0	0	0	0	0	0	0	0	0	0	**11**
Water	68	0	0	0	0	0	0	0	0	0	0	0	0	0	**68**
White Pine	0	38	0	0	23	0	22	5	0	0	0	0	0	11	**98**
Total	**4542**	**1042**	**1237**	**1229**	**1334**	**308**	**362**	**510**	**356**	**136**	**30**	**0**	**0**	**275**	**11361**

Report 2 – Proposed Treatment Summaries

Gladwin Mgt. Unit
Year of Entry 2015

Compartment 041
Total Compartment Acres: 11,361

Acres by Treatment Type

Commercial Harvest - 775	Tree Planting - 99	Other - 140
Habitat Cut - 14	Opening Maintenance - 46	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
(Habitat Cut)Aspen Types	14	0	0	0	0	0	**14**
Aspen Types	417	0	0	0	0	0	**417**
Lowland Deciduous Forest	245	28	0	0	0	0	**273**
Mixed Upland Deciduous	85	0	0	0	0	0	**85**
Total	**761**	**28**	**0**	**0**	**0**	**0**	**789**

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
95	73041095-CC/R	42.8	6112 - Lowland Aspen	High Density Pole	44	51-80	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription Specs: Remove all species 2" and greater.

Other Comments: Mark to leave scattered trees for retention.

Recommend dormant period harvest.

Next Steps:

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
100	73041100CC/R-Cut	27.1	6112 - Lowland Aspen	High Density Pole	50	81-110	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription Specs: Remove all species 2" and greater.

Other Comments: Retain all paper birch and a few representative aspen and maple.

Next Steps:

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
112	73041112-CC/R	23.7	6119 - Mixed Lowland Deciduous Forest	High Density Pole	44	51-80	Harvest	Clearcut with Reserves	6119 - Mixed Lowland Deciduous Forest	Cmpt. Review Proposal

Prescription Specs: Remove all species 2" and greater.

Other Comments: Mark to leave scattered trees for retention.

Recommend dormant period harvest.

Next Steps:

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
119	73041119CC/R-Cut	55.7	6112 - Lowland Aspen	High Density Pole	50	51-80	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription Specs: Remove all species 2" and greater.

Other Comments: Retain all paper birch and a few representative aspen, oak and maple.

Next Steps:

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
125	73041125-Cut	8.6	6112 - Lowland Aspen	Medium Density Log	60	1-50	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription Specs: Harvest the stand as a final harvest, retaining about 3%. The retention should be kept in pockets or individual trees.

Other Comments: The stand has some areas that low and wet and will need to be watched for rutting problems.

Next Steps: The stand is expected to regenerate to aspen mixed with some swamp hardwoods

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
138	73041138-Cut	18.9	4130 - Aspen	High Density Pole	41	111-140	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal

Prescription Specs: The stand is to be clear cut retaining some patches of aspen not to exceed 5% the area.

Other Comments: harvest the stand in dormant peiord.

Next Steps: The stand is expected to regenerate naturally to 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
148	73041148-CC/R	33.0	6112 - Lowland Aspen	High Density Pole	39		Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription Specs: Cut all species 2" and greater.

Other Comments: Mark to leave scattered trees for retention.

Recommend dormant period harvest.

Next Steps:

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
150	73041150-CC/R	18.5	6112 - Lowland Aspen	High Density Pole	46	51-80	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription Specs: Remove all species 2" and greater.

Other Comments: Mark to leave scattered trees for retention.

Recommend dormant period harvest.

Next Steps:

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
151	73041151-Cut	28.2	6119 - Mixed Lowland Deciduous Forest	High Density Log	88	111-140	Harvest	Single Tree Selection	611 - Lowland Deciduous Forest	Cmpt. Review Proposal

Prescription Specs: Harvest the upland portions of the stand by clear-cutting; harvest the lowland areas by salvaging the ash, where possible.

Other Comments: There are portions of the stand that are too wet to harvest. Therefore, the harvest acres may be significantly different than the inventory acres.

Next Steps: The stand is expected to regenerat naturally to swamp hardwoods.

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
155	73041155-CC/R	35.8	6112 - Lowland Aspen	High Density Pole	46	81-110	Harvest	Clearcut with Reserves	6112 - Lowland Aspen	Cmpt. Review Proposal

Prescription Specs: Remove all species 2" and greater.

Other Comments: Mark to leave scattered trees for retention.

Recommend dormant period harvest.

Next Steps:

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
177	73041177-Cut	14.2	4139 - Aspen, Mixed Deciduous	Low Density Pole	47	1-50	Harvest	Clearcut with Reserves		Cmpt. Review Proposal

Prescription Specs: The stand is to be harested as a clear cut with reserves. The retention should not exceed 5% the stand in area and BA

Other Comments:

Next Steps: The stand is expected to regenerate naturally to a medium stocke aspen stand.

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
185	73041185-CutNorth	55.4	4199 - Other Mixed Upland Deciduous	Low Density Log	67	1-50	Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal

Prescription Specs: The stand is to be harvest removing all species besides oak to 2" DBH.

Other Comments: A portion of the stand is one a steep ridge so some modifcation of stand boundaries may be needed to addess steep slopes. Also harvest during the dormancy peirod.

Next Steps: The stand is expected to regenerate as a medium to poorly stocked stand and may need to be interplanted with red pine or jack pine to bring the stand to full stocking.

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
185	73041185-CutSouth	29.4	4199 - Other Mixed Upland Deciduous	Low Density Log	67	1-50	Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal

Prescription Specs: The stand is to be harvest removing all species besides oak to 2" DBH.

Other Comments: A portion of the stand is one a steep ridge so some modifcation of stand boundaries may be needed to addess steep slopes. Also harvest during the dormancy peirod.

Next Steps: The stand is expected to regenerate as a medium to poorly stocked stand and may need to be interplanted with red pine or jack pine to bring the stand to full stocking.

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
198	73041198-Cut	58.6	4130 - Aspen	High Density Pole	41	51-80	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal

Prescription Specs: Harvest the stand as a final harvest, retaining about 3%. The retention should be kept in pockets and leave all oak greater than 12" DBH and all conifers.

Other Comments: There are numerous small drainages that flow east to west through the stand. These will need to be watched to avoid excessive rutting.

Next Steps: The stand is expected to regenerate to aspen naturally.

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
206	73041206-Cut	55.2	4130 - Aspen	High Density Pole	41	81-110	Harvest	Clearcut with Reserves		Cmpt. Review Proposal

Prescription Specs: The stand is to be harvested as a clearcut with reserves. The retenition should not exceed 5% of the stand in BA or Area.

Other Comments:

Next Steps: The stand is expected to regenrate naturally to 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
261	73041261-Cut	54.6	4130 - Aspen	High Density Pole	38	51-80	Harvest	Clearcut with Reserves		Cmpt. Review Proposal

Prescription Specs: The stand is to be harvested as a clearcut with reserves. The retention should be oak greater than 12" DBH and all conifers. Some patches may need to be marked to reach 3% retention.

Other Comments:

Next Steps: The stand is expected to regenerate naturally to aspen mixed with some other species.

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
299	**73041299-Cut**	101.9	4130 - Aspen	High Density Pole	41	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal

Prescription Specs: Harvest the stand as a final harvest, retaining about 3%. The retention should be kept along the north edge of the stand to protect the wet areas and leave all oak greater than 12" DBH and all conifers.

Other Comments: The skid trail should be placed to facilitate the trenching and planting of stand 299. The trail could be converted to a hunter walking trail afterwards.

Next Steps: The stand is expected to regenerate naturally to 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
312	**73041312-Cut**	11.4	4131 - Aspen, Oak	Medium Density Pole	41	1-50	Harvest	Clearcut with Reserves		Cmpt. Review Proposal

Prescription Specs: The stand is to be harvested as a clear cut with reserves. The retention is to be in mainy oak greater than 12" DBH and conifer. The retention should be no greater than 5% by BA and Area.

Other Comments:

Next Steps: The stand is expected to regenerate to aspen mixed with some oak and maple.

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
315	**73041315-Cut**	109.3	4130 - Aspen	High Density Pole	41	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal

Prescription Specs: The stand is to be harvested as a clearcut with reserves. The retention should be by area and leave all oak greater than 12" DBH and all conifers. The retention should not exceed 5% in area and BA..

Other Comments: Harvest during dormant season

Next Steps: The stand is expected to regenerate naturally to 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
339	**73041339-Cut**	6.9	4130 - Aspen	High Density Pole	41	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal

Prescription Specs: The stand is to be harvested as a clear cut with reservers. The retention should be in patches but should not exceed 5% by area.

Other Comments: Harvest during dormancy

Next Steps: The stand is expected to regenerate naturally to 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
296	**NF_73041296-Plant**	99.3	3105 - Mixed Upland Herbaceous				Tree Planting	Hand Plant	42110 - Planted Red Pine	Cmpt. Review Proposal

Prescription Specs: The stand was harvested in 1999. The middle 3/4 is mainly bracken fern and poverty grass and needs to be planted to red pine.

Other Comments: There are several drains that need tp be worked around.

Next Steps:

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
20	**NF_73041020-NonFor**	1.0	3105 - Mixed Upland Herbaceous				Non-Forest Management	Mowing	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal

Prescription Specs: Perform WLD opening maintenance.

Other Comments: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Next Steps:

Proposed Start Date: Unspecified

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
23	**NF_73041023-NonFor**	7.4	3105 - Mixed Upland Herbaceous				Non-Forest Management	Mowing	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal

Prescription Specs: Perform WLD maintenance.

Other Comments: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Next Steps:

Proposed Start Date: Unspecified

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
38	**NF_73041038-NonFor**	7.0	3105 - Mixed Upland Herbaceous				Non-Forest Management	Mowing	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal

Prescription Specs: Perform WLD maintenance.

Other Comments: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Next Steps:

Proposed Start Date: Unspecified

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
43	**NF_73041043-NonFor**	3.0	3105 - Mixed Upland Herbaceous				Non-Forest Management	Mowing	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal

Prescription Specs: Perform WLD opening maintenance.

Other Comments: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Next Steps:

Proposed Start Date: Unspecified

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
186	NF_73041186-NonFor	2.1	3102 - Grass				Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal

Prescription Specs: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Other Comments:

Next Steps:

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
196	NF_73041196-NonFor	5.8	3102 - Grass				Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal

Prescription Specs: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Other Comments:

Next Steps:

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
199	NF_73041199-NonFor	5.8	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal

Prescription Specs: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Other Comments:

Next Steps:

Proposed Start Date: Unspecified

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
213	NF_73041213-NonFor	5.2	3102 - Grass				Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal

Prescription Specs: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Other Comments:

Next Steps:

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
243	NF_73041243-NonFor	4.5	3105 - Mixed Upland Herbaceous				Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal

Prescription Specs: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Other Comments:

Next Steps:

Proposed Start Date: Unspecified

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
254	NF_73041254-NonFor	1.4	3105 - Mixed Upland Herbaceous				Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal

Prescription Specs: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Other Comments:

Next Steps:

Proposed Start Date: Unspecified

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
292	NF_73041292-NonFor	2.7	3102 - Grass				Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal

Prescription Specs: Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, applications of lime, applications of herbicide and mowing.

Other Comments:

Next Steps:

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
16	73041016SCAR-Other	14.7	6122 - Black Spruce	High Density Pole	61	81-110	Other	Unspecified	6122 - Black Spruce	Cmpt. Review Proposal

Prescription Specs: Remove SCA designation.

Other Comments: The stand does not meet the current standards for SCAs

Next Steps:

Proposed Start Date: 08/01/2013

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
15	NF73041015RS-Other	19.8	3303 - Mixed Low Density Trees				Other	Unspecified	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal

Prescription Specs: Regeneration Survey

Other Comments: Stand was set up in PI and harvested in 2012.

Next Steps: --Richard Myrick : 04/30/2013 comments:

Regeneration survey in FY 2018.

Proposed Start Date: 10/01/2017

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
41	NF73041041RS-Other	72.5	3303 - Mixed Low Density Trees				Other	Unspecified	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal

Prescription Specs: Regeneration survey

Other Comments: Stand was set up in OI and harvested in 2012.

Next Steps: --Richard Myrick : 04/30/2013 comments:

Regeneration survey in FY 2018.

Proposed Start Date: 10/01/2017

Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
66	NF73041066RS-Other	33.0	3303 - Mixed Low Density Trees				Other	Unspecified	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal

Prescription Specs: Regeneration survey.

Other Comments: Stand was set up in OI and harvested in 2012.

Next Steps: --Richard Myrick : 04/30/2013 comments:

Regeneration survey in FY 2018.

Proposed Start Date: 10/01/2017

Total Treatment Acreage Proposed: 1074.5

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!							

Prescription Specs:

Other Comment:

Next Steps:

Proposed Start Date: #Type!

Limiting Factor

Total Treatment Acreage Proposed: **0**

Data updated yesterday after 6:00 PM

Report 5 – Site Conditions

Gladwin Mgt. Unit | **Compartment 041**

Steven Nyhoff : Examiner | **Year of Entry 2015**

Availability for Management

Total Acres	Acres Available	Acres Not Available	Dominant Site Conditions	No	5C	5B	3J	2H	2G	2F
2833	2782	51	**Aspen**	2,772	10				51	
7	7		**Cedar**	7						
35	19	16	**Jack Pine**	19					16	
1215	1208	7	**Lowland Aspen/Balsam Poplar**	1,208					7	
89	53	36	**Lowland Conifers**	53				2	34	
1501	466	1035	**Lowland Deciduous**	438		28		3	1,032	
119	5	114	**Lowland Mixed Forest**	5					114	
21	15	6	**Lowland Spruce/Fir**	15					6	
545	508	37	**Mixed Upland Deciduous**	508				28	8	
66	66		**Natural Mixed Pines**	66						
225	192	32	**Northern Hardwood**	192					32	
66	57	9	**Oak**	57					9	
9	2	8	**Paper Birch**	2				8		
46	40	6	**Red Pine**	40			5		1	
133	59	74	**Tamarack**	59					74	
59	40	19	**Upland Conifers**	40					19	
9	9		**Upland Mixed Forest**	9						
6	6		**Upland Spruce/Fir**	6						
98	90	8	**White Pine**	90					3	5
7,082	5,624	1,458	Total Forested Acres	5,586	10	28	5	41	1,406	5
	79%	21%	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
003	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	13				

Comments:

004	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	18	

Comments:

005	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	263	

Comments:

006	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	58	

Comments:

007	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	46	

Comments:

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

Comments:

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

Comments:

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

Comments:

011	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	4

Comments:

012	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	8

Comments:

013	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	3

Comments:

014	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	165

Comments:

015	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	9

Comments:

016	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	42		
Comments:					
017	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	5		
Comments:					
018	**Not Available**	**2F: Too steep**	5		
Comments:					
019	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	5	2F: Too steep	
Comments:					
020	**Not Available**	**2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)**	2		
Comments:					
021	**Not Available**	**2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)**	3		
Comments:					

022	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	25

Comments:

023	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	762

Comments:

024	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	1,655

Comments:

025	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	4

Comments:

026	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	75

Comments:

027	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	18

Comments:

028	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	91	

Comments:

029	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	11	

Comments:

030	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	7	

Comments:

031	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	66	

Comments:

032	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	8	

Comments:

033	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	9	

Comments:

034	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	5

Comments:

035	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	17

Comments:

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

Comments:

037	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	8

Comments:

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

Comments:

039	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	13

Comments:

040	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	8	
Comments:				
041	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	23	
Comments:				
042	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	43	
Comments:				
043	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	66	
Comments:				
044	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	26	
Comments:				
045	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	12	
Comments:				

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

Comments:

047	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11

Comments:

048	Not Available	2G: Too wet (sensitive soils, does not include access issues)	7

Comments:

049	Not Available	2G: Too wet (sensitive soils, does not include access issues)	4

Comments:

050	Not Available	2G: Too wet (sensitive soils, does not include access issues)	19

Comments:

051	Not Available	2G: Too wet (sensitive soils, does not include access issues)	14

Comments:

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

Comments:

053	Not Available	2G: Too wet (sensitive soils, does not include access issues)	6	

Comments:

054	Not Available	2G: Too wet (sensitive soils, does not include access issues)	6	

Comments:

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

Comments:

056	Not Available	2G: Too wet (sensitive soils, does not include access issues)	5	

Comments:

058	Not Available	2G: Too wet (sensitive soils, does not include access issues)	6	

Comments:

059	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	3

Comments:

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

Comments:

061	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	3

Comments:

063	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	5

Comments:

067	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	11

Comments:

075	**Available**	**5B: Retention for regeneration purposes**	28

Comments:

078	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	4	
Comments:				
079	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	2	
Comments:				
080	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	104	
Comments:				
081	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	8	
Comments:				
082	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	21	
Comments:				
084	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	73	
Comments:				

085	Not Available	2G: Too wet (sensitive soils, does not include access issues)	18

Comments:

087	Not Available	2G: Too wet (sensitive soils, does not include access issues)	113

Comments:

088	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	18

Comments:

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

Comments:

091	Not Available	2G: Too wet (sensitive soils, does not include access issues)	21

Comments:

094	Not Available	2G: Too wet (sensitive soils, does not include access issues)	11

Comments:

095	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	

Comments:

096	Not Available	2G: Too wet (sensitive soils, does not include access issues)	25	

Comments:

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

Comments:

098	Not Available	2G: Too wet (sensitive soils, does not include access issues)	37	

Comments:

099	Not Available	2G: Too wet (sensitive soils, does not include access issues)	5	

Comments:

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

Comments:

101	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	21

Comments:

102	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	69

Comments:

103	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	9

Comments:

104	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	9

Comments:

105	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	3

Comments:

106	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	18

Comments:

107	Not Available	2G: Too wet (sensitive soils, does not include access issues)	18	
Comments:				
108	Not Available	2G: Too wet (sensitive soils, does not include access issues)	5	
Comments:				
109	Not Available	2G: Too wet (sensitive soils, does not include access issues)	15	
Comments:				
110	Not Available	2G: Too wet (sensitive soils, does not include access issues)	2	
Comments:				
111	Not Available	2G: Too wet (sensitive soils, does not include access issues)	11	
Comments:				
112	Not Available	2G: Too wet (sensitive soils, does not include access issues)	17	
Comments:				

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

Comments:

114	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	11

Comments:

115	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	19

Comments:

116	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	7

Comments:

117	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	47

Comments:

118	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	3

Comments:

119	Not Available	2G: Too wet (sensitive soils, does not include access issues)	2	
Comments:				
120	Not Available	2G: Too wet (sensitive soils, does not include access issues)	3	
Comments:				
121	Not Available	2G: Too wet (sensitive soils, does not include access issues)	75	
Comments:				
122	Not Available	2G: Too wet (sensitive soils, does not include access issues)	6	
Comments:				
123	Not Available	2G: Too wet (sensitive soils, does not include access issues)	34	
Comments:				
124	Not Available	2G: Too wet (sensitive soils, does not include access issues)	2	
Comments:				

125	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	24

Comments:

126	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	22

Comments:

127	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	8

Comments:

128	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	70

Comments:

130	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	20

Comments:

131	**Not Available**	**2G: Too wet (sensitive soils, does not include access issues)**	7

Comments:

133	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	10		

Comments:

Stand 41 to the south final harvested in 2012. Green up concern.

134	**Not Available**	**3J: Water quality / BMPs (stream, river, or lake)**	5	3A: Potential old growth / biodiversity	2F: Too steep

Comments:

Serves as riparian zone to tributary of the Tittabawassee River.

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	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.
HCVA	Dedicated Management Areas	Such areas are dedicated by the DNR Director for specific management uses through the promulgation of rules, as governed by Part 5, Department of Natural Resources, of the NREPA (MCL 324.502(2) and 324.504). Section 38 of the Administrative Procedures Act (MCL 24.238) provides for public requests for the promulgation of rules. This is an active program, with one proposed site currently under review by the DNR.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
503	4130 - Aspen	Low Density Sapling	12.6	25		Aspen ridges with alder pockets.
1	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	25.7	78	51-80	A number of turkey noted at southern tip of stand.
2	6127 - Lowland Pine	High Density Pole	32.5	32	111-140	Lowland with upland hummocks.
4	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	44.5	32	51-80	Matrix of lowland with upland areas.
9	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	21.8	55	111-140	Very wet in places. Generally loland with upland ridges.
11	6120 - Lowland Cedar	High Density Pole	6.9	90		Cedar swamp.
12	6121 - Tamarack	High Density Pole	25.5	45	81-110	Noted pockets of autumn olive. Stand very wet.
13	42201 - Natural White Pine, Mixed Deciduous	High Density Pole	10.5	Uneven Age		
16	6122 - Black Spruce	High Density Pole	14.7	61	81-110	
18	42260 - Natural Pine, Mixed Deciduous	High Density Pole	8.0	32	51-80	
19	4133 - Aspen, Mixed Pine	High Density Pole	37.4	31	51-80	Matrix of uplands with lowland pockets.
21	42260 - Natural Pine, Mixed Deciduous	Medium Density Pole	10.4	35	1-50	Autumn olive in places.
25	42200 - Natural White Pine	High Density Pole	10.5	40		
26	6125 - Lowland Black Spruce, Jack Pine	High Density Pole	23.3	40	51-80	
27	42210 - Natural Red Pine	High Density Pole	13.3	30	81-110	
29	4133 - Aspen, Mixed Pine	High Density Pole	28.9	30		
31	4130 - Aspen	High Density Pole	93.6	44		Matrix of uplands and lowlands.
32	6115 - Lowland Ash	High Density Pole	12.8	45		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	6121 - Tamarack	High Density Pole	7.9	44		Tamarack bog.
37	4125 - Black, N. Pin Oak	High Density Pole	20.9	18	1-50	
39	4130 - Aspen	High Density Sapling	173.6	19		Generally upland with some lowland pockets.
42	6121 - Tamarack	High Density Pole	6.0	44	51-80	
44	6129 - Mixed Coniferous Lowland Forest	High Density Pole	3.0	44		
47	4133 - Aspen, Mixed Pine	High Density Pole	10.4	48	81-110	Matrix of uplands with lowland pockets.
49	4130 - Aspen	High Density Sapling	8.1	18		
53	6112 - Lowland Aspen	High Density Pole	50.4	44	51-80	Matrix of lowland with upland ridges.
54	6112 - Lowland Aspen	High Density Pole	16.6	31		
56	4130 - Aspen	Low Density Sapling	40.4	16		
58	4130 - Aspen	Medium Density	9.7	16		
59	6112 - Lowland Aspen	High Density Sapling	13.5	22		
65	6112 - Lowland Aspen	High Density Sapling	28.5	28		
67	4130 - Aspen	High Density Sapling	10.7	17		
69	6112 - Lowland Aspen	High Density Sapling	5.1	28		
70	6112 - Lowland Aspen	High Density Sapling	14.0	23		
71	4130 - Aspen	High Density Pole	34.0	39	81-110	Upland with lowland swales.
72	42200 - Natural White Pine	High Density Pole	5.4	70	141-170	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
74	4130 - Aspen	High Density Sapling	22.3	17		Generally upland with lowland inclusions.
76	6126 - Lowland Jack Pine	Low Density Pole	3.4	39		
77	4130 - Aspen	High Density Sapling	7.3	23	141-170	
78	4130 - Aspen	High Density Sapling	28.1	28		
79	42210 - Natural Red Pine	Medium Density Log	5.3	103	1-50	Former Wildwood Shores State Forest Campground. Serves as wooded riparian zone along tributary of Tittabawassee River.
80	4130 - Aspen	Medium Density	18.4	17		
81	4130 - Aspen	Medium Density	5.9	5		Final harvest in 2008.
82	6115 - Lowland Ash	High Density Pole	9.1	35	1-50	Very wet. True swamp.
83	6115 - Lowland Ash	High Density Pole	4.8	80	51-80	The terrain is hummocky. Overall the stand is too wet to harvest.
85	6112 - Lowland Aspen	High Density Pole	19.3	28		
89	4130 - Aspen	Medium Density	9.5	4		The regeneration is patchy. The density is variable going from high to low density. The terrain is hummocky.
90	4130 - Aspen	High Density Pole	47.7	23		
92	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	3.5	24	1-50	
95	6112 - Lowland Aspen	High Density Pole	137.1	44	51-80	Evidence of EAB infestation.
98	6112 - Lowland Aspen	High Density Pole	16.6	28		
99	6112 - Lowland Aspen	Low Density Sapling	5.7	17	1-50	The stand is a matrix of uplands and lowlands with the lowlands being the majority. There are multiple pockets of leather leaf. The terrain is very hummocky. The area has many white pine stumps.
100	6112 - Lowland Aspen	High Density Pole	27.1	50	81-110	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
101	4130 - Aspen	High Density Sapling	19.8	17	1-50	The stand is coming along very well and it is fairly uniform. Overall the density of the regeneration is high with a few scattered openings. The terrain is slightly hummocky.
102	6119 - Mixed Lowland Deciduous Forest	High Density Sapling	7.7	12		
105	4130 - Aspen	High Density Sapling	41.6	17		The crown closure is closer to 75%. There are large areas of low density trees. The terrain is undulating and some of the areas appear to be droughty.
106	6115 - Lowland Ash	Medium Density Log	13.5	Uneven Age	51-80	The central portion of this stand is heavy to lowland shrubs with scattered ash and maple. There are a few aspen scattered in the stand but they're declining.
109	4130 - Aspen	High Density Pole	17.3	39		
110	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	2.0	39		
111	4130 - Aspen	Medium Density	9.2	15	1-50	The density of the stand is variable going from fully to poorly stocked. It is a matrix of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs and open herbaceous.
112	6119 - Mixed Lowland Deciduous Forest	High Density Pole	23.7	44	51-80	Very wet. True swamp.
113	4130 - Aspen	High Density Sapling	66.2	20		
114	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	17.1	80	1-50	The stand goes from well to poorly stocked. The tamarack is in pockets on the wettest ground. The stand is a matrix of uplands and lowlands with the lowlands being the majority.
117	6115 - Lowland Ash	Medium Density Pole	10.4	71	51-80	The stand is too wet to harvest. It has high EAB numbers. The paper birch, ash and some red maple are filling in the understory.
119	6112 - Lowland Aspen	High Density Pole	55.7	50	51-80	Matrix of lowland with some upland ridges and knolls.
120	6119 - Mixed Lowland Deciduous Forest	Medium Density	5.8	24	1-50	The stand is a matrix of uplands and lowlands with the lowlands being the majority. There is a pocket of ash poles in the stand. This area is < 1 acre in size. It is too wet to harvest.
123	4130 - Aspen	Low Density Sapling	38.9	17		This stand is a matrix of uplands and lowlands with the uplands being the majority. The aspen in the stand is mainly in pockets. There are large areas of open herbaceous and lowland shrubs.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
125	6112 - Lowland Aspen	Medium Density Log	8.6	60	1-50	The stand is a matrix of uplands and lowlands with the uplands being the majority. Some areas are wet.
126	6115 - Lowland Ash	Medium Density Pole	18.4	71	1-50	The stand's density is variable going from well to poorly stocked. Overall the stand is too wet to harvest. EAB is present in the stand.
127	4130 - Aspen	High Density Sapling	7.1	24	1-50	The stand is a matrix of uplands and lowlands with the uplands being the majority. The terrain is hummocky. There are pockets of lowland shrubs.
129	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	3.1	39		
132	4130 - Aspen	High Density Sapling	18.0	17	1-50	The stand is a matrix of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs and areas of open herbaceous.
133	6112 - Lowland Aspen	Medium Density	29.7	5		Clear-cut with reserves in 2008.
135	42290 - Natural Mixed Pine	Medium Density Log	29.0	70	1-50	The stand was harvested by removing the hardwoods. The terrain is hummocky to undulating. It is a matrix of uplands and lowlands with the uplands being the majority.
136	4130 - Aspen	Medium Density Pole	58.7	22	1-50	The stand is a matrix of uplands and lowlands with the uplands being the majority. The density is variable going from well to poorly stocked. All species are patchy. There are inclusions of lowland shrubs, upland shrubs, and open herbaceous.
137	4199 - Other Mixed Upland Deciduous	Medium Density Log	43.7	79	51-80	The stand is variable going from well to poorly stocked. The terrain is hummocky to undulating. There are inclusions of lowland shrubs.
138	4130 - Aspen	High Density Pole	18.9	41	111-140	The terrain is hummocky. The stand is a matrix of uplands and lowlands with the uplands being the majority.
141	4199 - Other Mixed Upland Deciduous	Medium Density Pole	13.0	24	1-50	The terrain is hummocky. The stand is a matrix of uplands and lowlands with the uplands being about 80%.
142	6115 - Lowland Ash	High Density Log	4.0	81	81-110	The stand is too wet to harvest. EAB is present and is at a moderate level. The terrain is hummocky. Some of the trees in the stand have been windthrown.
146	4130 - Aspen	Medium Density	19.0	4		The stand is a matrix of uplands and lowlands with the uplands being the majority. The terrain is hummocky to undulating. There are inclusions of lowland shrubs and cattail. On the uplands regeneration is fair to good; in the lowlands regeneration is poor to non-forested.
148	6112 - Lowland Aspen	High Density Pole	33.0	39		Pockets of poorly formed aspen. Matrix of lowlands with upland ridges.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
149	4130 - Aspen	Medium Density	27.4	17		The stand is hummocky with several drainages running through it. The drainages run from north to south connecting non-forested wetlands. There are some open areas in the southern portion.
150	6112 - Lowland Aspen	High Density Pole	18.5	46	51-80	
151	6119 - Mixed Lowland Deciduous Forest	High Density Log	28.2	Uneven Age	111-140	The stand is a matrix of uplands and lowlands with the lowlands being the majority. There are portions of the stand that are too wet to harvest.
154	4130 - Aspen	High Density Sapling	62.8	24	1-50	The terrain is undulating. It is a matrix of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs and leather leaf. There are multiple drainages running through the stand. The SI appears to go from 50 to 65.
155	6112 - Lowland Aspen	High Density Pole	35.8	46	81-110	Evidence of EAB infestation. Matrix of lowland with upland ridges and knolls.
156	6115 - Lowland Ash	Low Density Log	11.3	88	1-50	Overall the stand is too wet to harvest. The density is variable going from well to poorly stocked.
160	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	7.9	18	81-110	Evidence of EAB infestation.
161	42380 - Non Pine Upland Conifer, Mixed Deciduous	High Density Pole	26.1	40	81-110	The stand had the hardwoods removed and all spruce and tamarack retained. It is variable. It goes from areas of thick spruce to areas of low density oak and aspen regeneration. There are inclusions of lowland shrubs also present.
162	4130 - Aspen	Low Density Pole	5.9	28	1-50	There may be an old homestead in the stand. The trees are in scattered pockets. White pine stump field is present but the number of stumps is not extensive. The terrain is hummocky
165	4130 - Aspen	Low Density Sapling	49.1	4		The stand is a matrix of uplands and lowlands with the uplands being the majority. The lowland includes areas of tag alder and willow; and areas of cattail. There are portions of the stand that were heavily rutted when it was harvested. These areas are now non-forest or have poor regeneration.
167	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	9.4	57	1-50	The stand is too wet to harvest. It has heavy EAB. The terrain is hummocky
169	6115 - Lowland Ash	High Density Pole	18.3	72	51-80	The stand is low and very wet. The east end becomes a lowland shrub type mixed with swamp hardwoods. It is too wet to
171	4140 - Other Upland Deciduous	Low Density Pole	7.8	72	1-50	The stand is on a droughty ridge. The ground cover is mainly poverty grass with some sweet fern and blueberry. The birch is overmature and it is coming down. The access to the stand is difficult. Also the stand is a white pine stump field.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
172	6115 - Lowland Ash	Low Density Pole	8.2	62	1-50	The stand is too wet to harvest. EAB is present. The stand is expected to convert to non-forested wetlands in 10 years.
174	6121 - Tamarack	High Density Pole	3.5	Uneven Age	51-80	The stand is a mixture of saplings and poles with some scattered logs. The terrain is hummocky. There are inclusions of uplands in the form of knobs. The tamarack has some mortality but it is not extensive.
177	4139 - Aspen, Mixed Deciduous	Low Density Pole	14.2	47	1-50	The terrain is hummocky to undulating. The stand has a lot of white pine stumps scattered through it.
178	6115 - Lowland Ash	High Density Pole	23.9	71	51-80	Overall the stand is too wet to harvest. The terrain is hummocky with a lot of standing water. EAB is present but at low levels. There is a creek flowing through the stand.
179	4116 - Mixed N. Hardwood - Aspen	Medium Density Pole	17.6	38	1-50	The stand is a matrix of slight ridges and lowland swales. The lowland areas make up the majority of the stand. The trees are variable in both density and size. Many of the lowland areas are lowland shrub types and the ridges are red maple. EAB is common in the stand and the ash resource is on the way out. In addition, where the ash resource is present the soils are too wet to harvest.
180	42210 - Natural Red Pine	High Density Log	5.7	51	81-110	This stand may have been a plantation. The rows are hard to distinguish. Overall it looks more like a natural stand.
182	6115 - Lowland Ash	High Density Log	10.5	62	51-80	: The east half of the stand is too wet to harvest. The west half could be managed but access could be a problem.
184	6115 - Lowland Ash	High Density Log	15.7	57	51-80	The stand is a matrix of uplands and lowlands with the lowlands being the majority. EAB is present. Overall the stand is too wet to harvest. Portions of the stand are tag alder with no overstory.
185	4199 - Other Mixed Upland Deciduous	Low Density Log	135.7	67	1-50	The stand is variable. It goes from well to poorly stocked. It is mainly a high ridge which slopes down to lower and wetter sites. The lower areas have more red maple and quaking aspen. The stand also has oaks and pines seeding in. These are in pockets.
191	42220 - Natural Jack Pine	High Density Pole	4.8	31	81-110	The stand is quite dense in the central portion. It becomes fairly sparse along the edges. There is some seeding of spruce, jack pine and red pine in the open areas along the edges of the stand.
192	42320 - Upland Spruce	Medium Density Pole	6.1	41	1-50	The stand is a matrix of uplands and lowlands with the uplands being the majority. The trees are variable going from seedlings to poles and from low to high density. There is significant seeding in of spruce, jack pine, and red pine occurring naturally in the open areas.
195	4116 - Mixed N. Hardwood - Aspen	Medium Density	12.8	17		The terrain is undulating to hummocky.
197	4134 - Aspen, Spruce/Fir	High Density Pole	5.4	41	51-80	The stand is a matrix of uplands and lowlands with the uplands being about 60%. The terrain is hummocky.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
198	4130 - Aspen	High Density Pole	58.6	41	51-80	The terrain is hummocky to undulating. The stand is a matrix of uplands and lowlands with the uplands being the majority. There are numerous small drainages that flow east to west through the stand.
200	4130 - Aspen	Medium Density Pole	44.7	36	51-80	The stand is patchy. It is a matrix of uplands and lowlands with the uplands being the majority. The terrain is hummocky. There are inclusions of lowland shrubs, leather leaf and upland herbaceous.
202	4130 - Aspen	Medium Density Pole	9.3	39	1-50	The trees in the stand are in clones so the stand is patchy. The terrain is undulating
203	6119 - Mixed Lowland Deciduous Forest	Low Density Sapling	10.3	17		The stand is a matrix of uplands and lowlands with the lowlands being the majority. The terrain is hummocky. The white pine has been attacked by weevils repeatedly.
204	4130 - Aspen	High Density Sapling	14.5	6		In 2006 the stand was harvested. It has regenerated well overall. However, there are areas of open ground, mainly in the northern portion of the stand.
205	6113 - Lowland Maple	Low Density Pole	45.9	72	1-50	This stand is low and wet. The trees are on hummocks surrounded by water. It has significant top breakage on all swamp hardwood saw logs. EAB is present. It is expected to convert to low density trees or lowland shrubs in 10 years.
206	4130 - Aspen	High Density Pole	55.2	41	81-110	The terrain is hummocky. Red maple is regenerating in the north half of the stand. The beaver activity in the stand has removed most of the aspen along south edge. Bigtooth aspen is heavier in the western half and quaking aspen in the eastern half of the stand.
208	4130 - Aspen	High Density Pole	58.6	22	51-80	The terrain is hummocky. The stand is a matrix of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs as well as open herbaceous. The density is variable going from well to poorly stocked. The white pine is in a pocket but is less than one acre in size.
209	6115 - Lowland Ash	Medium Density Pole	16.6	80	1-50	The stand is variable going from well to poorly stocked. The terrain is hummocky. It is a matrix of uplands and lowlands with the uplands being about 20%. The area gets wetter going south.
214	4130 - Aspen	Medium Density Pole	6.6	41	1-50	The stand is patchy. There are pockets of aspen that are about 41 years old. However, there are some larger diameter red maple scattered in it. The open areas are heavy to autumn olive and blackberry.
215	4130 - Aspen	High Density Pole	8.2	27	51-80	The stand is a matrix of uplands and lowlands with the uplands being about 75%. It is currently self-thinning. The terrain is hummocky.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
216	4112 - Maple, Beech, Cherry Association	Medium Density Pole	13.6	76	1-50	The stand was harvested in the winter of 2011/2012. Some regeneration is coming in but it is being browsed heavily. The terrain is hummocky. The stand is a matrix of uplands and lowlands with it being a 50/50 mix. However, it has more characteristics with uplands.
218	4112 - Maple, Beech, Cherry Association	Medium Density Pole	11.0	70	51-80	The stand was harvested by removing most of the species except red maple. There were some oaks, aspen, and ash marked to be left. The terrain is hummocky.
220	4199 - Other Mixed Upland Deciduous	Medium Density Log	33.4	80	51-80	The terrain is hummocky to undulating. It has inclusions of lowlands and open uplands.
222	42210 - Natural Red Pine	High Density Log	21.8	52	81-110	The stand was harvested in the spring of 2006 as a selection. There is oak and red pine seeding in, much of it is not well established. The open areas have a lot of red pine, oak, and ironwood in them. The ground cover is heaviest in the open areas and is heavy to blackberry and raspberry.
223	4130 - Aspen	High Density Pole	47.6	41	51-80	The terrain is hummocky to undulating. The stand is a matrix of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs. There are several small drainages that flow east to west through the stand.
225	4133 - Aspen, Mixed Pine	High Density Pole	8.7	41	81-110	The terrain is hummocky. The conifer cover is heavier in the east half of the stand. The white pines are branchy. The stand gets wetter going west.
227	4130 - Aspen	High Density Sapling	5.8	17		The stand looks like it was harvested around 1996. It is mostly uplands knobs with areas of lowlands.
230	6119 - Mixed Lowland Deciduous Forest	Medium Density	18.9	17	1-50	The terrain is very hummocky. The uplands in the stand are on a low ridge that is along the north edge. The stand gets lower going south. The lowlands make up about 75% of the stand. The aspen and pines are heaviest on the ridge. Paper birch, maple, tag alder and white pine are heaviest in the lowlands.
231	42220 - Natural Jack Pine	High Density Pole	10.3	50	51-80	The jack pine and aspen have some mortality. Oak seedlings are being established in areas of lower density.
233	4130 - Aspen	High Density Pole	8.9	41		The stand is a knob. The access is difficult having wet soils on all sides.
234	4130 - Aspen	Medium Density Pole	24.1	38	51-80	The stand is variable going from well to poorly stocked. It is a matrix of uplands and lowlands with the uplands being the majority. The terrain is hummocky. There are inclusions of lowland shrubs in the stand.
237	42260 - Natural Pine, Mixed Deciduous	High Density Pole	18.1	80	81-110	The stand is on a ridge. The paper birch is dying out. The young white pine is variable in quality. Some of them are self-pruning well and others are not.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
238	6115 - Lowland Ash	Medium Density Pole	64.5	50	51-80	The stand goes from lowland shrubs and marsh grass to well stocked ash poles to medium stocked upland maple and oaks. However, much of the stand is too wet to harvest. The uplands portions of the stand make up only 10-20%. EAB is common in the stand and woodpeckers are actively working it.
239	6119 - Mixed Lowland Deciduous Forest	High Density Pole	24.9	32	51-80	The stand is mainly lowland with a couple of ridges going through it. The lowlands are heavy to ash, aspen, and maple. EAB is present, but it is not extensive. The ash is of small diameter. These areas have a heavy slash load and are often too wet to harvest. The uplands are mainly aspen and oak. However they are at a lower density than the rest of the stand.
242	4130 - Aspen	Medium Density	60.9	22	1-50	The terrain is hummocky to undulating. The stand is a matrix of uplands and lowlands with the uplands being the majority. The density is variable going from well to poorly stocked. There are inclusions of both upland herbaceous, lowland shrubs, and mix non-forested wetlands.
247	4130 - Aspen	Low Density Sapling	6.5	17		The stand is a matrix of uplands and lowlands with the uplands being the majority. The terrain has extensive micro relief.
248	4130 - Aspen	Low Density Sapling	4.9	1		The stand was harvested in the fall of 2012. The stand has regenerated.
249	6112 - Lowland Aspen	Medium Density	19.3	5		The terrain is hummocky. The stand is a matrix of uplands and lowlands with the uplands being about 40%. There are open pockets in it, especially along the north edge.
250	4191 - Mixed Upland Deciduous with Conifer	Low Density Pole	21.6	26	1-50	The stand is a matrix of uplands and lowlands with the uplands being the majority. Aspens are in clones. The white pines are heavier toward the NW end. Balsam poplars are found in the drainages.
251	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	17.2	80	1-50	The stand is variable going from well to poorly stocked. The terrain is hummocky. Most of the lowlands is south of the dike. The rest of the stand is on ridges.
253	6122 - Black Spruce	High Density Pole	6.1	28	51-80	The terrain is hummocky. It may dry out in summer. There are some old white pine stumps present.
255	6112 - Lowland Aspen	Medium Density Pole	26.5	26	1-50	The stand is variable going from well to poorly stocked and from seedling to poles. It is a matrix of uplands and lowlands with the lowlands being around 70%.
256	4130 - Aspen	Medium Density	30.6	17		The terrain is hummocky. It is a matrix of uplands and lowlands with the uplands being the majority. There are several low swales in the stand.
257	6115 - Lowland Ash	Low Density Pole	19.7	29	1-50	The terrain is hummocky. The stand is too wet to harvest. There are inclusions of uplands as well as areas of lowland shrubs.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
259	4136 - Aspen, Mixed Conifer	High Density Pole	24.0	40	51-80	The stand is a ridge. The red pines are heavier to the south. Quaking aspen and red maple are heavier to the north. The white pines are scattered throughout.
260	6112 - Lowland Aspen	Low Density Pole	15.8	26	1-50	The stand is variable in size and density. The terrain is hummocky. The stand dries out to some degree going north.
261	4130 - Aspen	High Density Pole	54.6	38	51-80	The stand is variable going from well to poorly stocked. There are inclusions of open herbaceous. The terrain is hummocky. Most of the ash and maple are concentrated in drainages that go through the stand. It is a matrix of uplands and lowlands with the uplands being the majority.
262	4130 - Aspen	Low Density Pole	7.5	32	1-50	The stand is patchy. It has areas with thick aspen clones and areas of open land. The terrain is undulating in the north going to hummocky south.
263	6112 - Lowland Aspen	High Density Sapling	11.9	17		The stand is a matrix of uplands and lowlands with the lowlands being the majority. The south end is wetter. The terrain is hummocky and has extensive micro relief.
267	4310 - Pine, Oak Mix	High Density Pole	2.6	40	51-80	The terrain is hummocky.
268	6115 - Lowland Ash	Medium Density Pole	6.5	29	1-50	The density is variable going from well to poorly stocked. The stand is too wet to harvest.
271	4130 - Aspen	High Density Pole	19.2	41	81-110	The terrain is hummocky. Some natural thinning is going on. There are some wet areas present. It is a matrix of uplands and lowlands with the uplands being about 80%
272	4199 - Other Mixed Upland Deciduous	High Density Log	2.8	60	81-110	
273	6113 - Lowland Maple	High Density Log	29.1	Uneven Age	81-110	The stand borders a creek that has some beaver activity. There is a lot of shelf ice in the stand. Therefore the stand often floods and then drains. The ground cover also indicates the stand is wet.
274	4130 - Aspen	Low Density Sapling	5.2	5		The stand grades from uplands to lowlands from north to south. The density grades from well stocked to poorly stocked from north to south. The terrain is hummocky.
276	4130 - Aspen	High Density Pole	13.9	41	81-110	The terrain is hummocky. It is a matrix of uplands and lowlands with the uplands being the majority. Some portions of the stand are on the wetter side.
277	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Sapling	5.3	20	1-50	The stand has a dense area of aspen along the Sterling Truck Trail. However, much of the stand is sparse. The terrain is hummocky.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
278	6112 - Lowland Aspen	High Density Pole	27.8	41	51-80	The stand is a matrix of uplands and lowlands with the lowlands being the majority. The terrain is hummocky. Also the stand is currently self-thinning.
279	6112 - Lowland Aspen	High Density Pole	90.4	39	81-110	The terrain is hummocky. It is a matrix of uplands and lowlands with the lowlands being the majority. There are several low ridges running north to south. In addition, there are inclusions of lowland shrubs. Much of the stand looks like it will dry out in summer.
282	6119 - Mixed Lowland Deciduous Forest	High Density Log	27.6	80	51-80	The stand was selectively harvested. The terrain is hummocky and some of the areas are quite wet. The stand is a matrix of uplands and lowlands. Most of the uplands are along the Sterling Truck Trail. The dryer ground was harvested retaining 60 BA. This area has regenerated fairly well to oak and maple. The lowlands were harvested retaining about 80 BA. The regeneration in the lowlands is patchy and it is mainly ash and maple.
284	6112 - Lowland Aspen	Low Density Sapling	51.4	10	1-50	The terrain is hummocky. The stand is a matrix of uplands and lowlands with the lowlands being the majority. The oaks are seeding into the open areas as well as some aspen. There are inclusions of lowland shrubs and willow.
285	4131 - Aspen, Oak	Medium Density	16.0	23	1-50	The stand is a matrix of uplands and lowlands with the lowlands being the majority. The south end is wetter. The terrain is hummocky and has extensive micro relief.
286	6112 - Lowland Aspen	Medium Density Pole	5.3	42	1-50	The terrain is slightly undulating going from lowland shrubs to dense swamp hardwoods to medium stocked aspen.
287	4130 - Aspen	High Density Pole	17.8	32	51-80	The stand is a matrix of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs in it. Currently the stand is self-thinning. The terrain is hummocky.
288	4130 - Aspen	High Density Pole	15.4	32	51-80	The stand is a ridge. There are open areas scattered in it. They are all small in size.
289	4130 - Aspen	Medium Density	29.6	5		The stand is a matrix of uplands and lowlands with the lowlands being the majority. There are open areas present in the north and south ends. Marsh grass is a common ground cover.
291	6113 - Lowland Maple	High Density Log	25.1	94	51-80	The stand is variable going from saplings to logs. There is a large inclusion of lowland shrubs with an overstory of sapling red maple and ash. The wetter areas have a high percentage of ash poles. The drier areas have a higher percentage of red maple sawlogs. The terrain is hummocky. Some portions of the stand are too wet to harvest.
293	4311 - Pine, Aspen Mix	High Density Pole	6.8	42	51-80	The stand is a ridge. There are parking areas in the stand both north and south of the Lame Duck Truck Trail. The terrain is undulating.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
294	6112 - Lowland Aspen	Low Density Pole	118.1	24	1-50	The stand is patchy. It is a matrix of uplands and lowlands with the lowlands being about 75%. Portions of the stand have been taken down by beaver. It has areas of lowland shrubs, open herbaceous, aspen, or tamarack.
295	4130 - Aspen	High Density Sapling	20.0	15	1-50	The terrain is hummocky.
299	4130 - Aspen	High Density Pole	110.9	41	81-110	The terrain is hummocky. The stand is a matrix of uplands and lowlands with the uplands being about 80%. There are some pockets of very wet soils. Porcupines are chewing on pole size aspen. Most of the activity is concentrated around openings in the stand.
300	4130 - Aspen	High Density Pole	29.4	25	51-80	The stand is a matrix of uplands and lowlands with the uplands being the majority. The terrain is hummocky. The lowland ground is in the central portion and along the east edge of the stand. The slash is heaviest in the lowlands.
307	4119 - Mixed Northern Hardwoods	Low Density Pole	75.2	85	1-50	The stand was harvested by removing the aspen and marked trees. Some areas are sparse while other areas are still fairly well stocked. The terrain is mildly hummocky. There are some areas that were not harvested because of wetness.
308	4131 - Aspen, Oak	High Density Sapling	19.9	19	1-50	The terrain is hummocky. The stand is a matrix of uplands and lowlands with the uplands being the majority. The oaks were left when the stand was harvested.
309	4130 - Aspen	High Density Pole	95.8	29	51-80	The stand is a matrix of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs and open herbaceous.
310	4139 - Aspen, Mixed Deciduous	Medium Density Pole	21.8	41	1-50	The stand is a matrix of uplands and lowlands with the uplands being the majority. The southern portion of the stand is wetter than the northern portion. In addition the northern portion is on a ridge.
312	4131 - Aspen, Oak	Medium Density Pole	11.4	41	1-50	This area was thinned by beaver in the past. This has made the stand sparse. There are no signs of new beaver activity in the stand. The past activity has changed the stand composition from an aspen dominated stand to one that is a mixture of aspen and oak.
315	4130 - Aspen	High Density Pole	109.3	41	81-110	The stand is coming along well. There are some small logs which are widely scattered. It is a matrix of uplands and lowlands with the uplands being the majority. The terrain is hummocky
316	6113 - Lowland Maple	High Density Pole	11.9	85	51-80	The terrain is hummocky. The trees are patchy. There is a drainage that runs through the stand. EAB is present but it's in very low numbers.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
318	6119 - Mixed Lowland Deciduous Forest	Low Density Pole	18.2	Uneven Age	1-50	The stand is variable going from well to poorly stocked. The terrain is hummocky.
319	6115 - Lowland Ash	High Density Log	10.7	77	51-80	The stand is very wet and it is too wet to harvest. There is a drainage going through the stand.
320	6115 - Lowland Ash	High Density Log	25.0	102	111-140	The stand is low and too wet to harvest.
321	4130 - Aspen	High Density Sapling	5.8	22	1-50	The stand is just coming into poles. The terrain is hummocky. The stand is starting to self-thin.
325	6112 - Lowland Aspen	Medium Density	30.2	22	1-50	The stand is patchy. It is a matrix of uplands and lowlands with the lowlands being the majority. There are inclusions of lowland shrubs. Oaks are seeding into the open areas as well as coming up under the aspen. The aspen has many black nodes and has poor form. The terrain is hummocky.
326	6115 - Lowland Ash	Medium Density Pole	6.0	65	1-50	This is a broad drain that goes into a beaver pond. EAB is present and is thinning out the stand. It is expected to become some type of a non-forested stand in 10 years. The soils are too wet to harvest.
327	6139 - Mixed Lowland Forest	Low Density Sapling	108.1	12	1-50	This is a large lowland complex that goes from leather leaf to low to medium density trees on ridges and knobs. Overall it is more of a lowland shrub. tamrack is seeding in throughout the stand
328	4130 - Aspen	High Density Pole	48.7	22	51-80	The stand is variable going from well to poorly stocked. There are inclusions of both upland herbaceous and lowland shrubs. The aspen quality is variable going from well formed, tall and straight; to poorly formed, short and with black nodes. The poorest form trees are on the driest soils. The best formed trees are on the intermediate soils. The stand is also a matrix of uplands and lowlands with the uplands being the majority.
330	6115 - Lowland Ash	Medium Density Pole	15.2	62	51-80	The stand is very wet. The ash is in sorry shape. There is a drainage going through the stand.
331	42200 - Natural White Pine	Low Density Sapling	20.1	15	1-50	The stand was harvested and did not regenerate to aspen. Currently the stand is seeding in with white pine. The white pines are also suffering multiple attacks from white pine weevil. There are many oak seedling but they are less than 3'. Therefore, they are not considered established. There is heavy deer browse which is concentrated on the oak and maple. Some portions of the stand were rutted. These areas are now growing cattails.
332	4130 - Aspen	High Density Sapling	11.2	3		The stand was habitat cut in the winter of 2009/2010. It is regenerating well.
335	4137 - Aspen, Birch	High Density Sapling	47.1	20	1-50	The stand has some open areas. Some of these are mainly sweet fern/blackberry; others are lowland shrubs. The terrain is slightly hummocky. Paper birch is heaviest along the north edge and aspen is heaviest along the south edge.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
336	4130 - Aspen	Medium Density Pole	30.3	41	1-50	The stand is variable going from well to poorly stocked. The terrain is hummocky.
338	4112 - Maple, Beech, Cherry Association	High Density Pole	53.8	78	51-80	The stand was harvested. A portion of the south edge and a central island were left for retention. The white pines are regenerating heavier in the west end. The oak is regenerating better in the south end. The terrain is slightly undulating.
339	4130 - Aspen	High Density Pole	6.9	41	81-110	The terrain is hummocky.
340	6119 - Mixed Lowland Deciduous Forest	High Density Log	28.2	Uneven Age	81-110	The stand is mainly lowlands but there are inclusions of uplands. It has ice covering much of the ground.
341	4199 - Other Mixed Upland Deciduous	High Density Log	17.7	86	51-80	The stand is hummocky. The overstory has crown gaps with good advanced regeneration in them. There are also inclusions of low wet ground.
342	4112 - Maple, Beech, Cherry Association	Medium Density Pole	28.0	62	51-80	The stand was harvested in 2012 by removing most of the species besides red maple. Some of the oaks and ashes were marked for retention. The terrain is hummocky. The regeneration is starting to come in. Red maple is heavier in the western portion and white pine is heavier in the eastern portion.
343	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	5.9	41	51-80	The terrain is hummocky. The stand is a matrix of uplands and lowlands with the lowlands being about 75%.
344	4116 - Mixed N. Hardwood - Aspen	High Density Pole	12.5	41	81-110	The terrain is hummocky. The aspen is in pockets and has good form. The red maple is a mixture of stump sprouts and seed source. It also has good form.
345	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Sapling	49.4	30	1-50	The stand is extremely variable going from well to non-stocked. It is a matrix of uplands and lowlands with the lowlands being the majority. The terrain is hummocky.
346	429 - Mixed Upland Conifers	Medium Density Pole	13.6	21	1-50	The stand is patchy and it has inclusions of lowlands. Tamarack is seeding in along the south edge. The white pine is heavily weeviled. Some of the trees have sawlog diameters but they are only 20 to 30' tall. There is a significant amount of deer activity.
347	6112 - Lowland Aspen	High Density Pole	31.8	30	51-80	The terrain is hummocky. It is hard to tell whether the stand is uplands or lowlands. It has inclusions of lowland shrubs but they are in pockets. Currently there is a lot of shallow ice in the stand. This could indicate the stand is wet for most of the year or it may dry out in late summer.
348	6112 - Lowland Aspen	Medium Density	17.3	39	1-50	The terrain is hummocky. There was some rutting of the soil it when harvested. There are also inclusions of lowland shrubs within the stand.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
349	6119 - Mixed Lowland Deciduous Forest	High Density Log	52.3	Uneven Age	81-110	The stand is a matrix of uplands and lowlands with the lowlands being about 75%. The uplands are mainly along the east edge. There is a drainage going through the western portion of the stand. The oak understory is good on the uplands. Overall much of the stand is too wet to harvest.
350	42200 - Natural White Pine	High Density Pole	12.4	40	81-110	The terrain is hummocky to undulating. The stand has inclusions of lowlands.
351	6127 - Lowland Pine	High Density Sapling	5.9	61	1-50	The stand is in a depression and it is too wet to harvest. The terrain is hummocky. The estimate of the age is taken from the surrounding stand.
353	42200 - Natural White Pine	High Density Pole	21.6	61	111-140	The stand has more saw logs in the southern portion. However, much of the stand contains poles. The terrain is hummocky.
354	6115 - Lowland Ash	Medium Density Pole	18.9	78	1-50	The stand is a broad drainage. The ash in it is in poor shape and the soils are very wet and cannot be harvested.
355	6115 - Lowland Ash	High Density Pole	73.1	Uneven Age	81-110	The stand is too wet to harvest. There is a trace of cedar in the south end. EAB is present but at a very low density. There are inclusions of uplands.
357	4133 - Aspen, Mixed Pine	High Density Sapling	12.7	28	1-50	The stand is patchy and the terrain is hummocky. The stand has open areas of lowland shrubs and leather leaf.
358	6113 - Lowland Maple	High Density Log	37.1	87	81-110	The terrain is hummocky. EAB is present but in low numbers. The stand is too wet to harvest.
359	42200 - Natural White Pine	Low Density Sapling	17.8	15	1-50	The stand was harvested in the fall of 2012. The white pine understory and oak less than 6" were retained.
361	6115 - Lowland Ash	Low Density Pole	17.5	31	1-50	The stand is mainly black and green ash over tag alder and red osier dogwood. It is very wet and cannot be harvested.
363	4199 - Other Mixed Upland Deciduous	Medium Density	52.7	10	1-50	The stand has a fair amount of oak, maple, and tamarack seeding into it. The overstory is mainly overmature aspen mixed with oak and maple sawlogs. The terrain is hummocky. Over all it is a matrix of uplands and lowlands with the uplands being the majority.
364	6115 - Lowland Ash	High Density Pole	14.5	84	51-80	The stand has a full sheet of ice on the ground. There are inclusions of cattails in the east end of the stand. There is a high mortality in the ash apart from EAB activity. Overall, the stand is too wet to harvest.
365	6127 - Lowland Pine	High Density Pole	5.1	59	51-80	The stand is a matrix of uplands and lowlands with the lowlands being the majority. The terrain is hummocky.
368	6126 - Lowland Jack Pine	Low Density Pole	16.5	38	1-50	The stand is patchy and the terrain is hummocky. It has open areas of lowland shrubs and leather leaf.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
370	6115 - Lowland Ash	High Density Pole	22.7	84	81-110	The stand is quiet wet but does not have a contiguous ice sheet. It gets wetter going to the east. The terrain is hummocky. The deciduous shrub understory density goes from sparse in the west end to full in the east end.
371	4130 - Aspen	Medium Density	53.7	4		The terrain is hummocky. The regeneration is coming in well for the most part but there are areas of sparse regeneration.
372	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	9.6	38	1-50	The terrain is slightly undulating. There are inclusions of leather leaf with some pines. Overall the stand is a ridge.
373	6119 - Mixed Lowland Deciduous Forest	Medium Density Log	15.6	87	51-80	The stand is low and wet. EAB is present. There are areas of dense red maple regeneration in the southern portion of the stand and tag alder is heavier in the northern portion.
374	6127 - Lowland Pine	Medium Density Log	5.7	59	51-80	The stand was harvested and the residual is variable. The stand is borderline lowlands/uplands.
376	429 - Mixed Upland Conifers	High Density Pole	19.0	52	51-80	The stand is mainly a narrow upland ridge along the connector road. There are also areas of lowland along the southwest edge.
377	4199 - Other Mixed Upland Deciduous	High Density Pole	10.5	88	51-80	The stand is a matrix of uplands and lowlands with the uplands being the majority. The northeast corner of the stand is quite wet. There is some mortality in the aspen and birch.
378	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	16.2	37	1-50	The stand is a matrix of uplands and lowlands with the lowlands being the majority. The uplands are hummocky. Also in the stand there are areas of leather leaf.
379	4131 - Aspen, Oak	High Density Pole	37.3	25	51-80	The terrain is hummocky.
380	4133 - Aspen, Mixed Pine	Medium Density Pole	31.1	37	51-80	The density in the stand is variable going from well to poorly stocked. It is a ridge. The aspen is heavier in the eastern portion of the stand and oak and pine in the western portion.
381	4139 - Aspen, Mixed Deciduous	High Density Pole	19.2	25	51-80	The terrain is hummocky. The stand is a matrix of uplands and lowlands with the uplands being the majority.
384	6115 - Lowland Ash	High Density Log	104.0	97	111-140	The north end of the stand is dryer, but overall the stand is very wet. The ground cover is marsh grass under tag alder. There are pockets of dense oak and dense maple regeneration. In some areas of the stand the overstory is dying and is fallen down. EAB is only found in isolated trees.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
385	6113 - Lowland Maple	High Density Pole	18.6	Uneven Age	81-110	The stand is a matrix of uplands and lowlands with the lowlands being the majority. There are inclusions of lowland shrubs with an E2 overstory. The west end has good oak regeneration. The terrain is hummocky. There is a drainage going through the stand. In the drainage the ash is the major species. There are portions of the stand that are harvestable and some areas that are too wet. The actual harvest acres will be significantly less than the inventory acres. Were the stand is dryer harvest it down to 70 BA. Try to harvest the ash can be reached in the lowlands without doing significant rutting.
386	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	23.3	31	1-50	The stand is a matrix of uplands and lowlands with the uplands being about 25%. Much of the uplands are concentrated in the southeast corner
389	6115 - Lowland Ash	High Density Log	16.3	72	81-110	This stand is very low and wet making it too wet to harvest. The east end of the stand has an area of lowland shrubs with some overstory swamp hardwood saplings.
391	6121 - Tamarack	High Density Pole	3.9	72	51-80	The stand is variable going from logs to saplings. The terrain is hummocky. There are also inclusions of uplands along the east edge.
392	4130 - Aspen	High Density Sapling	41.3	15	1-50	The stand is undulating to rolling. There are some swales that are wet. Overall the stand is upland.
393	4139 - Aspen, Mixed Deciduous	Medium Density	35.7	19	1-50	The stand is very hummocky. There are inclusions of lowland shrubs. The red maple regeneration is dense and in pockets. The aspen is scattered throughout the stand.
394	4191 - Mixed Upland Deciduous with Conifer	Low Density Sapling	28.2	10	1-50	The stand was part of a wildfire in 2003. There are some residual oaks that survived the fire. It is now is regenerating fairly well but it is somewhat sparse. The aspen, tamarack, and maple are mainly along the perimeter of the stand.
395	6121 - Tamarack	Medium Density Pole	20.8	44	51-80	The terrain is hummocky. There are inclusions of uplands along the road and at the north end of the stand.
396	4130 - Aspen	Medium Density	12.6	4		The terrain is undulating. Some of the oaks and white pines were retained when the stand was harvested.
398	6115 - Lowland Ash	High Density Pole	12.5	60	51-80	The terrain is hummocky and the soils are too wet to harvest. In 2003 there was a wildfire that went around the stand.
400	6112 - Lowland Aspen	Medium Density	28.6	10		In 2003 there was a wildfire that burned through the stand. The regeneration that came back is patchy. The terrain is hummocky.
402	6139 - Mixed Lowland Forest	High Density Pole	11.0	19	1-50	The stand is variable going from well to poorly stocked. There are inclusions of uplands. The terrain is hummocky.
403	4131 - Aspen, Oak	High Density Sapling	20.4	10		The stand was part of a wildfire in 2003. It was salvaged in 2003/2004 and it is regenerating well.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
406	4126 - White, Black, N. Pin Oak	Medium Density Pole	20.1	31	1-50	The stand is on a ridge. It was harvested retaining some of the sawlog oaks.
407	6119 - Mixed Lowland Deciduous Forest	Low Density Pole	153.3	79	1-50	The stand is highly variable going from well to poorly stocked; and from seedling to saw logs. The ash and tamarack are in pockets; the aspen is heaviest in the east; and the oaks are scattered throughout the stand. The terrain is hummocky. There are also areas of lowland shrubs.
408	6121 - Tamarack	Low Density Pole	19.6	44	1-50	The stand is mainly upland along the truck trail. However, it quickly goes to lowland with a leather leaf ground cover.
409	4199 - Other Mixed Upland Deciduous	High Density Sapling	54.8	31	1-50	Much of the stand is saplings with scattered oak saw logs. The terrain is hummocky to slightly undulating. It is a matrix of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs and leather leaf. There are also slight ridges running through the stand.
410	6121 - Tamarack	Low Density Sapling	9.3	12		The terrain is hummocky. There are inclusions of uplands. The ground cover is mainly marsh grass. The dominant trees are from 5 to 15 years old.
412	6121 - Tamarack	Medium Density Pole	7.2	34	51-80	The stand's density is variable going from well to poorly stocked. The terrain is hummocky. The oak regeneration is concentrated on the uplands. This is heaviest in the southern portion of the stand.
413	4125 - Black, N. Pin Oak	Medium Density Pole	8.5	34	1-50	The terrain is hummocky. The tamarack is seeding into the stand and it is coming in nicely. There is also some oak regeneration. This is heavier at the north end. The quaking aspen is scattered.
501	4122 - Oak, Pine	High Density Sapling	16.5	30		Mostly upland with blueberry bog pockets.
502	4130 - Aspen	High Density Pole	13.0	43		
504	4131 - Aspen, Oak	High Density Sapling	8.7	30		
507	6112 - Lowland Aspen	High Density Pole	48.2	43		A matrix of mostly lowland with inclusions of alder and some upland ridges.
509	6112 - Lowland Aspen	High Density Pole	61.5	33		Generally lowland with inclusions of alder and some upland ridges.
511	6112 - Lowland Aspen	Low Density Sapling	66.6	30		Generally lowland with upland ridges.
513	6121 - Tamarack	Low Density Sapling	11.8	28		Two- one acre northern white cedar pockets within stand.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
514	4130 - Aspen	High Density Pole	46.1	52	141-170	Large areas of merchantable aspen. Scattered pockets of red pine.
515	4130 - Aspen	Medium Density	22.9	31		Matrix of upland ridges with lowland pockets.
516	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	14.5	27	1-50	
518	4199 - Other Mixed Upland Deciduous	High Density Pole	87.7	68	141-170	Dense ash stand with mixed lowland deciduous species, and tamarack at edges. Very wet.
520	4133 - Aspen, Mixed Pine	High Density Pole	11.0	43	81-110	The remnant of an old red pine plantation now overgrown with aspen and other mixed deciduous species.
521	6121 - Tamarack	Medium Density Pole	17.2	41		
522	4136 - Aspen, Mixed Conifer	Medium Density Pole	10.3	23		
525	4130 - Aspen	High Density Pole	32.9	38		
528	4136 - Aspen, Mixed Conifer	High Density Sapling	41.9	31		
530	4130 - Aspen	Low Density Pole	24.9	41	1-50	
533	6112 - Lowland Aspen	Medium Density	33.7	31		Generally a low density lowland forest with alder inclusions and some upland ridges.
534	6116 - Lowland Birch	High Density Pole	1.5	33		
535	4130 - Aspen	High Density Sapling	54.2	20		Matrix of upland ridges with lowland inclusions.
544	6119 - Mixed Lowland Deciduous Forest	Low Density Pole	25.7	33		Mostly very low wet stand with a few upland ridges.
545	6115 - Lowland Ash	Medium Density Pole	9.2	38	51-80	Generally pole sized ash stand with wetland grasses and alder pockets in standing water.
546	6115 - Lowland Ash	Medium Density Log	5.0	68	81-110	Matrix of lowland hardwoods with pockets of alder and cattail. Very wet. Difficult access.
547	6115 - Lowland Ash	Low Density Pole	5.3	48		Very wet. Trees in standing water.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
550	6115 - Lowland Ash	Medium Density Pole	5.8	48	51-80	
555	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	11.3	28		
556	6113 - Lowland Maple	High Density Pole	21.0	48	81-110	Generally very low ground with some higher knolls.
559	6112 - Lowland Aspen	Low Density Sapling	15.7	28		
562	6115 - Lowland Ash	High Density Pole	11.1	48	81-110	Very wet.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
3	3301 - Low Density Deciduous Tree	10.4	No	Unspecified	
5	50 - Water	15.9	No	Unspecified	Tittabawassee River.
6	3303 - Mixed Low Density Trees	1.8	No	Unspecified	
7	6220 - Alder/willow	11.9	No	Unspecified	
8	6220 - Alder/willow	15.4	No	Unspecified	
10	50 - Water	3.1	No	Unspecified	
14	6220 - Alder/willow	4.0	No	Unspecified	
15	3303 - Mixed Low Density Trees	19.8	No	Aspen	Final harvest of all maple and aspen with reserves in 2012.
17	6220 - Alder/willow	3.9	No	Unspecified	
20	3105 - Mixed Upland Herbaceous	1.0	Yes	Medium (NonForested)	Managed WLD opening.
22	629 - Mixed non-forested wetland	10.7	No	Unspecified	
23	3105 - Mixed Upland Herbaceous	7.4	Yes	Medium (NonForested)	Managed WLD opening.
24	3303 - Mixed Low Density Trees	21.2	No	Unspecified	Upland with lowland swales.
28	6220 - Alder/willow	2.3	No	Unspecified	
30	6225 - Bog	5.0	No	Unspecified	
33	6220 - Alder/willow	12.3	No	Unspecified	
35	6220 - Alder/willow	28.1	No	Unspecified	
36	6224 - Treed Bog	6.3	No	Unspecified	

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
38	3105 - Mixed Upland Herbaceous	7.0	Yes	Medium (NonForested)	Managed WLD opening.
40	6225 - Bog	7.6	No	Unspecified	
41	3303 - Mixed Low Density Trees	72.5	No	Aspen	Final harvest of all maple and aspen with reserves in 2012. Generally upland with lowland pockets.
43	3105 - Mixed Upland Herbaceous	3.0	Yes	Medium (NonForested)	Managed WLD opening.
45	6220 - Alder/willow	30.5	No	Unspecified	
46	6220 - Alder/willow	22.7	No	Unspecified	
48	50 - Water	6.4	No	Unspecified	Active beaver dam.
50	629 - Mixed non-forested wetland	43.0	No	Unspecified	
51	50 - Water	3.1	No	Unspecified	
52	50 - Water	11.4	No	Unspecified	
55	6220 - Alder/willow	3.1	No	Unspecified	
57	629 - Mixed non-forested wetland	16.1	No	Unspecified	
60	6220 - Alder/willow	55.7	No	Unspecified	
61	6220 - Alder/willow	40.8	No	Unspecified	
62	3105 - Mixed Upland Herbaceous	2.4	No	Unspecified	
63	6225 - Bog	6.7	No	Unspecified	Leatherleaf bog.
64	6220 - Alder/willow	24.1	No	Unspecified	
66	3303 - Mixed Low Density Trees	33.0	No	Aspen	Final harvested with reserves in 2012.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
68	6220 - Alder/willow	9.3	No	Unspecified	
73	50 - Water	5.0	No	Unspecified	Tributary of the Tittabawassee River.
75	6220 - Alder/willow	1.5	No	Unspecified	
84	629 - Mixed non-forested wetland	3.2	No	Unspecified	
86	6220 - Alder/willow	2.1	No	Unspecified	
87	50 - Water	1.2	No	Unspecified	
88	3303 - Mixed Low Density Trees	8.2	No	Unspecified	
91	6220 - Alder/willow	14.3	No	Unspecified	
93	3303 - Mixed Low Density Trees	2.2	No	Unspecified	
94	629 - Mixed non-forested wetland	5.3	No	Unspecified	Old beaver caused pondings.
96	3301 - Low Density Deciduous Tree	7.0	No	Unspecified	
97	6220 - Alder/willow	18.8	N\A	Unspecified	
103	6220 - Alder/willow	5.7	No	Unspecified	
104	629 - Mixed non-forested wetland	13.6	No	Low (NonForested)	This stand is a marsh with tag alder around the perimeter. There is also some scattered swamp hardwoods present, mainly along the edges.
107	6229 - Mixed lowland shrub	11.6	No	Low (NonForested)	The stand is mainly lowland shrubs with some swamp hardwoods along the edges.
108	622 - Lowland Shrub	156.9	N\A	Unspecified	
115	6220 - Alder/willow	17.8	No	Unspecified	
116	6220 - Alder/willow	41.6	No	Unspecified	

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
118	6220 - Alder/willow	8.1	No	Unspecified	
121	6230 - Cattail	8.6	No	Low (NonForested)	There is some standing water in the stand. Cattails are common.
122	6220 - Alder/willow	6.0	N\A	Unspecified	
124	6220 - Alder/willow	9.8	No	Low (NonForested)	There are scattered swamp hardwoods around the perimeter. Most of the stand is tag alder and willow with some areas being open.
128	6229 - Mixed lowland shrub	6.6	No	Unspecified	The stand is mainly tag alder with some scattered ash and maple. The tag alder and willow get more common going to the south east.
130	6225 - Bog	11.4	No	Low (NonForested)	The stand is mainly leather leaf with some scattered trees.
131	629 - Mixed non-forested wetland	9.3	No	Low (NonForested)	This is an active beaver flooding. The shrubs around the flooding are heavy to willow.
134	629 - Mixed non-forested wetland	21.9	No	Low (NonForested)	The stand goes from open water to lowland shrubs.
139	622 - Lowland Shrub	4.3	N\A	Unspecified	This is a corner of stand 139 that is heavy to tag alder. There is a sparse overstory of black and green ash. The crown closure is less than 25%
140	6220 - Alder/willow	52.2	N\A	Unspecified	
143	6229 - Mixed lowland shrub	5.1	No	Low (NonForested)	This stand is not overly wet. It may be possible to treat the stand to stimulate stem production for grouse and woodcock by brush hogging.
144	6220 - Alder/willow	11.1	No	Low (NonForested)	This stand is mainly tag alder and willow. There are inclusions of non-forested wetlands.
145	6220 - Alder/willow	2.9	No	Unspecified	The stand is mainly tag alder and willow. There are scattered trees in the northern and southern portions of the stand. These are mainly ash with some maple.
147	6225 - Bog	1.7	No	Unspecified	This is a depression of leather leaf. The fringes have significant swamp hardwoods and tag alder.
152	6220 - Alder/willow	154.1	No	Low (NonForested)	The stand is mainly lowland shrubs with scattered tamarack, spruce, and swamp hardwoods. The trees have the highest density along the edges and along the road.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
153	3301 - Low Density Deciduous Tree	16.6	No	Unspecified	The stand was harvested in 1995 and did not regenerate well. The east side of the stand is a ridge. The western 2/3 is hummocky with inclusions of lowland shrubs. This area is intermixed with aspen clones. The aspen density increases going west.
157	629 - Mixed non-forested wetland	21.8	No	Low (NonForested)	The stand is variable and it ranges from open water to lowland shrubs.
158	3102 - Grass	6.1	No	Unspecified	This stand was harvested in 1996 and has not regenerated. It is a ridge that is mainly poverty grass with sweet fern. There is some white pine along the west side of the stand.
159	6220 - Alder/willow	9.0	No	Low (NonForested)	The ground cover is marsh grass. Much of the stand is too wet to harvest. There are some dryer areas in the western portion of the stand.
163	6229 - Mixed lowland shrub	24.3	No	Unspecified	The stand is mainly lowland shrubs with a marsh grass ground cover.
164	3105 - Mixed Upland Herbaceous	1.6	No	Low (NonForested)	The stand was harvested 4 years ago and has not regenerated. This area is a knob. It has come back to poverty grass.
166	3105 - Mixed Upland Herbaceous	9.1	No	Low (NonForested)	The stand is a matrix of uplands and lowlands with the uplands being the majority. The terrain is hummocky to undulating. The stand was harvested in 1998 and has not regenerated well.
168	3303 - Mixed Low Density Trees	3.6	No	Aspen	The stand was harvested in the summer of 2008. The regeneration is present but it is not coming in strong.
170	6229 - Mixed lowland shrub	8.4	No	Low (NonForested)	The stand was harvested 4 years ago and has not regenerated well. It is mainly tag alder with some upland inclusions. There are inclusions of non-forested uplands as well as cattail lowlands. The terrain is hummocky.
173	6229 - Mixed lowland shrub	3.7	No	Low (NonForested)	The stand is mainly tag alder and willow with marsh grass. The shrubs are not overly tall, they average approximately 3'.
175	6229 - Mixed lowland shrub	11.4	No	Low (NonForested)	The stand is mainly tag alder with willow. There are scattered ash and maple in the stand but they are at a low density.
176	3301 - Low Density Deciduous Tree	5.3	No	Aspen	The stand was harvested in the summer of 2008. The regeneration is present but it is not coming in strong. The stand is a matrix of uplands and lowlands with the uplands being about 60%

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
181	6229 - Mixed lowland shrub	70.1	No	Unspecified	This stand is mainly lowland shrubs. There are scattered black and green ash poles. The ash has some EAB but it is not extensive at the current time. The overstory is expected to die out in the next 10 years.
183	6220 - Alder/willow	73.0	No	Low (NonForested)	The stand is mainly tag alder with some willow and tamarack. The tag alder is around 5' tall and it is over marsh grass
186	3102 - Grass	2.1	Yes	High (NonForested)	Mowing is needed to maintain the opening.
187	6220 - Alder/willow	25.9	No	Low (NonForested)	The stand is mainly tag alder and willow. There is ash scattered throughout the stand.
188	6229 - Mixed lowland shrub	56.9	No	Unspecified	The stand is mainly tag alder. There are scattered swamp hardwoods around the perimeter and on the scattered knobs. The overall crown closure is close to 15%. The ash in the stand has heavy EAB. Mortality is fairly high. In addition the ash is on soils that are too wet to harvest.
189	6229 - Mixed lowland shrub	85.0	No	Unspecified	The stand is a mixture of lowland shrubs, marsh grass, and scattered swamp hardwoods. The crown closure is around 10%.
190	629 - Mixed non-forested wetland	9.7	No	Low (NonForested)	The stand is a mixture of lowland shrubs, emergent wetlands, and water.
193	6220 - Alder/willow	14.2	No	Unspecified	The stand is mainly tag alder with willow. In addition, there are scattered swamp hardwoods, mainly red maple.
194	629 - Mixed non-forested wetland	114.3	No	Low (NonForested)	The stand has a good representation of several species of lowland shrubs. However, the south end is more like an emergent wetland.
196	3102 - Grass	5.8	Yes	High (NonForested)	Mowing is needed to maintain the opening.
199	3102 - Grass	5.8	No	Low (NonForested)	This is an area of poverty grass with some sweet fern. The site is used heavily as a camping area during the hunting season.
201	3301 - Low Density Deciduous Tree	13.2	Natural Regen	Aspen	The stand was harvested in the winter of 2011/2012. There is some regeneration but it has been heavily browsed. There is a moderate amount of slash.
207	629 - Mixed non-forested wetland	201.6	No	Low (NonForested)	The stand is heavy to marsh grass with some lowland shrubs and leather leaf.
210	3202 - Autumn Olive/Honeysuckle	15.8	No	Low (NonForested)	Blackberry and raspberry are heavy in the ground cover.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
211	6229 - Mixed lowland shrub	12.3	No	Low (NonForested)	The stand is mainly tag alder with portions of it being non-forested wetlands. There is an inclusion of phragmities in the stand.
212	3302 - Low Density Conifer Trees	11.7	No	Low (NonForested)	The stand is sparse with white pine. The pine is in pockets. There is also some spruce and balsam fir present. The white pines are heavily weeviled.
213	3102 - Grass	5.2	Yes	High (NonForested)	The stand is a maintained wildlife opening. The ground cover is still sparse and the pasture mix is not well established.
217	6220 - Alder/willow	21.3	No	Low (NonForested)	The stand is heavy to tag alder with scattered swamp hardwoods. The terrain is hummocky. The ground cover is marsh grass.
219	6239 - Mixed Emergent Wetland	5.0	No	Low (NonForested)	The stand is an old beaver flooding. The dam is breeched but it is still holding water.
221	3202 - Autumn Olive/Honeysuckle	2.6	No	Low (NonForested)	This stand is an area of autumn olive with some scattered oak
224	6229 - Mixed lowland shrub	8.4	No	Low (NonForested)	The stand is mainly tag alder and willow with marsh grass.
226	6229 - Mixed lowland shrub	27.2	No	Low (NonForested)	The tag alder is less than 4' tall. The ground cover is heavy to marsh grass with some open water.
228	629 - Mixed non-forested wetland	52.4	No	Low (NonForested)	The stand is heavy to marsh grass but there are some lowland shrubs.
229	3105 - Mixed Upland Herbaceous	120.9	Natural Regen	Aspen	The stand was harvested in the summer of 2012. It hasn't regenerated yet.
232	6239 - Mixed Emergent Wetland	47.6	No	Low (NonForested)	This is the Molasses River Flooding number 2. the stand is a mixture of open water and marsh grass with some lowland shrubs along the edges.
235	3301 - Low Density Deciduous Tree	10.5	No	Low (NonForested)	The terrain is hummocky. The stand has some scattered aspen and maple. Stand was harvested in 1984
236	6239 - Mixed Emergent Wetland	34.3	No	Low (NonForested)	: This is the Molasses River Flooding Number 1. The control structure is in need of some work. Currently all the control boards have been removed.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
240	3301 - Low Density Deciduous Tree	9.6	No	Low (NonForested)	The terrain is hummocky to undulating. Scotts pine is heavy at the south end. The aspen is heavier in the north end. There are pockets of leather leaf along the west side. Porcupines are stripping the Scotts pine. The stand was harvested in 1984.
241	6229 - Mixed lowland shrub	17.8	No	Unspecified	This was an area that had a beaver flooding in the past. It is now filling in with lowland shrubs and some swamp hardwood. there are inclusions of non-forested wetlands in it.
243	3105 - Mixed Upland Herbaceous	4.5	Yes	High (NonForested)	This is a maintained wildlife opening. It does not look well established yet.
244	629 - Mixed non-forested wetland	13.5	No	Low (NonForested)	The stand is heavy to marsh grass with some lowland shrubs and leather leaf.
245	6229 - Mixed lowland shrub	17.3	No	Low (NonForested)	The stand is a matrix of uplands and lowlands with the lowlands being about 75%. The terrain is hummocky. The shrubs are mainly tag alder and willow.
246	6225 - Bog	3.3	No	Low (NonForested)	The stand is in a depression. It is mainly leather leaf with lowland shrubs along the edges.
252	6220 - Alder/willow	2.1	No	Low (NonForested)	The stand is in a depression and it is mainly tag alder and willow with marsh grass.
254	3105 - Mixed Upland Herbaceous	1.4	Yes	High (NonForested)	The stand is a maintained wildlife opening. It appears to be well established.
258	6220 - Alder/willow	11.1	No	Unspecified	The stand is a mixture of lowland shrubs and marsh grass. There are some swamp hardwoods scattered in the lowland shrubs.
264	6229 - Mixed lowland shrub	7.1	No	Unspecified	The soils are very wet and the stand is heavy to tag alder and pussy willow. There are some scattered swamp hardwoods in the stand.
265	3201 - Sweet Fern	2.5	No	Low (NonForested)	The stand is mainly a ridge. The ground cover is about 50% sweet fern the rest is grass and blueberry. There are some oak, pines and aspen present.
266	3301 - Low Density Deciduous Tree	18.3	No	Low (NonForested)	The terrain is hummocky to undulating. The stand was harvested in 1984
269	11 - Low Intensity Urban	11.1	No	Low (NonForested)	The stand is a power line easement. It is a matrix of uplands and lowlands with the uplands being the majority.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
270	629 - Mixed non-forested wetland	70.5	No	Low (NonForested)	The stand is a large lowland type that is a mixture of lowland shrubs along the north edge, leather leaf in the southwest end, and marsh grass in the east end.
275	629 - Mixed non-forested wetland	7.8	No	Unspecified	The center portion of the stand is cattails and marsh grass. The perimeter is heavy to tag alder.
280	6220 - Alder/willow	15.8	Yes	Low (NonForested)	The stand is mainly lowland shrubs with inclusions of uplands. It has been treated by a brush hogged in two places. The treated areas have come back well to lowland shrubs and some aspen, maple, ash and oak.
281	3105 - Mixed Upland Herbaceous	17.5	Natural Regen	Aspen	This stand was harvested in 2012. The terrain is hummocky to undulating. There are some areas of low wet ground.
283	629 - Mixed non-forested wetland	6.9	No	Low (NonForested)	The stand is mainly marsh grass in the central portion with lowland shrubs around the perimeter.
290	6229 - Mixed lowland shrub	13.9	No	Unspecified	The stand is mainly lowland shrubs with ash scattered in it and swamp hardwoods around the perimeter.
292	3102 - Grass	2.7	Yes	High (NonForested)	This is a maintained wildlife opening.
296	3105 - Mixed Upland Herbaceous	99.3	Planted	Red Pine	Much of the stand is open herbaceous with scattered clones of aspen. The terrain is slightly undulating. There are several small drainages running through it. The eastern portion goes from low density trees to poorly stocked. The south end is heavy to tag alder and open ground. The middle 3/4 is open with only a few scattered pines. The stand was harvested in 1999.
297	6220 - Alder/willow	6.4	No	Low (NonForested)	The stand is mainly tag alder with scattered ash in the east end. There are areas of standing water.
298	629 - Mixed non-forested wetland	19.1	No	Medium (NonForested)	This area is mainly lowland shrubs with some open areas. There are some scattered swamp hardwoods. The ground cover is mainly marsh grass and other herbaceous. There is a beaver flooding in the stand. It is about 2 acres in size. The flooding appears to be active.
301	629 - Mixed non-forested wetland	30.4	No	Low (NonForested)	This stand appears to have some flooding going on. It is mainly lowland shrubs toward the north end, going to emergent wetland at the south end.
302	3105 - Mixed Upland Herbaceous	3.6	Natural Regen	Aspen	The stand was harvested in 2012. The terrain is hummocky. It has not yet started to regenerate.
303	6220 - Alder/willow	10.2	No	Low (NonForested)	The stand is mainly lowland shrubs with some scattered swamp hardwoods.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
304	3105 - Mixed Upland Herbaceous	17.1	Natural Regen	Aspen	The terrain is hummocky. The north 2/3 was habitat cut in winter 2013. The southern 1/3 was commercially harvest in fall of 2012.
305	3105 - Mixed Upland Herbaceous	12.1	Natural Regen	Aspen	The stand was harvested in 2012/2013. It has not started to regenerate. The terrain is hummocky.
306	6230 - Cattail	27.9	No	Low (NonForested)	This is part of an extended beaver flooding that is no longer active.
311	6229 - Mixed lowland shrub	5.5	No	Low (NonForested)	The terrain is hummocky. There is some aspen present. However, they have less than 15% crown closure.
313	6229 - Mixed lowland shrub	11.8	No	Low (NonForested)	The stand is a drainage that is heavy to shrubs. The shrubs are a mix of red osier dogwood, tag alder, and willow
314	629 - Mixed non-forested wetland	13.4	No	Low (NonForested)	The stand is mainly lowland shrubs and marsh grass with scattered swamp hardwoods, aspen, and oak.
317	629 - Mixed non-forested wetland	19.9	No	Low (NonForested)	There are some scattered swamp hardwoods as well as inclusions of open marsh grass. The edges are thick with tag alder.
322	50 - Water	15.9	No	Low (NonForested)	This is a beaver flooding. It appears to be no longer active but it is still holding water. There is no new beaver activity around the flooding.
323	6225 - Bog	7.8	No	Low (NonForested)	The stand is mainly leather leaf with scattered quaking aspen.
324	3205 - Mixed Upland Shrub	13.6	No	Low (NonForested)	The stand is a matrix of uplands and lowlands with the uplands being the majority.
329	6220 - Alder/willow	14.6	No	Low (NonForested)	There are some scattered white pines and maples in the stand.
333	629 - Mixed non-forested wetland	113.0	No	Unspecified	The stand goes from lowland shrubs to emergent wetlands. The emergent wetlands are more common in the west end and lowland shrubs in the east end. There is an area of standing water at the west end.
334	6229 - Mixed lowland shrub	18.5	No	Low (NonForested)	The stand has some pockets of ash. Most of it is black and it is dying. The terrain is hummocky with a lot of standing water.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
337	6229 - Mixed lowland shrub	53.9	No	Unspecified	This stand has some scattered swamp hardwoods that are mainly ash with some maple. The trees are heaviest in the northwest corner and the east end. There is a fairly large leather leaf pocket along the south boundary of the stand.
352	3303 - Mixed Low Density Trees	9.6	Planted	Red Pine	The stand was harvested in 1999 but it did not regenerate well. There is some seeding in of white pine along the west edge and oak along the east edge. Aspen and oak saplings are denser along the south edge. There is a steep ridge along the east side of the stand.
356	3301 - Low Density Deciduous Tree	8.0	Natural Regen	Lowland Deciduous	The stand was harvested in the winter of 2012/2013. Some of the small red maple, oaks, and ash were retained.
360	6224 - Treed Bog	14.8	No	Low (NonForested)	The stand is mainly leather leaf with a white pine overstory. The white pines are heavily weeviled. In addition, there are some jack pines, red pines, and paper birch scattered in the stand. The trees in the stand are approximentaly 22 years old
362	6229 - Mixed lowland shrub	32.3	No	Unspecified	The stand is variable going from lowland shrubs in the east end to emergent wetlands in the west end.
366	6225 - Bog	3.6	No	Low (NonForested)	The stand is mainly leather leaf south and lowland shrubs north.
367	629 - Mixed non-forested wetland	90.9	N\A	Unspecified	
369	3301 - Low Density Deciduous Tree	15.0	No	Low (NonForested)	The terrain is hummocky
375	629 - Mixed non-forested wetland	14.7	No	Low (NonForested)	This stand was a beaver flooding. It looks like it still retains some water.
382	6220 - Alder/willow	29.1	No	Low (NonForested)	The stand has a strip of trees along the Lame Duck Truck Trail. However, much of the stand is tag alder and willow.
383	6224 - Treed Bog	6.3	No	Low (NonForested)	This is mainly leather leaf with patches of jack pine, scattered spruce and scattered white pine.
387	6229 - Mixed lowland shrub	77.5	No	Low (NonForested)	This stand was part of a wild fire in 2003 that burned 100 plus acres. The stand has some regeneration on the scattered low ridges. However, much of the stand is heavy to lowland shrubs.
388	6229 - Mixed lowland shrub	49.8	No	Unspecified	This is a lowland shrub type with some scattered swamp hardwoods. The trees are heaviest in the east end of the stand. There are also inclusions of leather leaf.

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
390	6224 - Treed Bog	11.9	No	Low (NonForested)	The stand is mainly leather leaf with scattered quaking aspen, white pine, and oak.
397	6233 - Wet Meadow	7.5	No	Unspecified	The stand is mainly marsh grass with some scattered tag alder, willow, and swamp hardwoods.
399	6220 - Alder/willow	20.9	No	Unspecified	The stand is mainly tag alder and willow with a low density of swamp hardwoods and aspen.
401	6224 - Treed Bog	75.2	No	Unspecified	This is a large leather leaf and blueberry bog. There is some scattered quaking aspen and tamarack in the stand. The area had a control burn done in it for blueberry. The burn was completed in 1997 or 98. This portion burned fairly well with about 80% blackened. The stand has island on slight ridges of trees. These are most numerous in the west 2/3 of the stand. Current it has less that 25% crown closure.
404	6224 - Treed Bog	12.7	No	Low (NonForested)	The stand has some slight ridges in it. It may become forested in time. Tamarack, oak, ash, and maple are seeding in.
405	6224 - Treed Bog	48.2	No	Unspecified	This is a large leather leaf and blueberry bog with a crown closure around 15%. There is scattered quaking aspen and tamarack in the stand. The area had a control burn done in it for blueberry. The burn was completed in 1997 or 98. The area that burned was around 60 to 70% of the stand.
411	3301 - Low Density Deciduous Tree	19.6	Natural Regen	Upland Mixed Forest	The stand was harvested retaining oak less than 4" DBH and marked trees. It has started to regenerate. However, the current crown closure is less than 25%.
414	6225 - Bog	3.0	No	Low (NonForested)	The stand is in a depression of leather leaf with pines along the perimeter.
505	6230 - Cattail	21.0	N\A	Unspecified	
506	6220 - Alder/willow	9.1	No	Unspecified	
508	2113 - Forage Crops	6.5	Yes	High (NonForested)	Wildlife Division managed opening.
510	6220 - Alder/willow	8.8	No	Unspecified	
512	6230 - Cattail	68.9	No	Unspecified	
517	6220 - Alder/willow	2.7	No	Unspecified	

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
519	6220 - Alder/willow	2.4	No	Unspecified	
523	2113 - Forage Crops	5.6	Yes	High (NonForested)	Wildlife Division managed opening.
524	6220 - Alder/willow	17.9	No	Unspecified	
526	6220 - Alder/willow	17.8	No	Unspecified	
527	6220 - Alder/willow	5.1	No	Unspecified	
529	2113 - Forage Crops	4.0	Yes	High (NonForested)	Wildlife Division managed opening.
531	6220 - Alder/willow	15.5	No	Unspecified	
532	6230 - Cattail	15.2	No	Unspecified	
536	6220 - Alder/willow	17.4	No	Unspecified	
537	3301 - Low Density Deciduous Tree	49.2	No	Unspecified	Low density trees in alder wetland.
538	6220 - Alder/willow	11.0	No	Unspecified	
539	6220 - Alder/willow	2.2	No	Unspecified	
540	6230 - Cattail	18.9	No	Unspecified	
541	50 - Water	6.6	No	Unspecified	
542	6220 - Alder/willow	11.0	No	Unspecified	
543	3301 - Low Density Deciduous Tree	29.3	No	Unspecified	
548	6220 - Alder/willow	33.5	No	Unspecified	Open water at center.
549	6220 - Alder/willow	2.6	No	Unspecified	

Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
551	6220 - Alder/willow	47.2	No	Unspecified	
552	6230 - Cattail	2.0	No	Unspecified	
553	3301 - Low Density Deciduous Tree	8.8	N\A	Unspecified	
554	3301 - Low Density Deciduous Tree	10.3	No	Unspecified	
557	6220 - Alder/willow	74.6	No	Unspecified	
558	6230 - Cattail	23.8	No	Unspecified	
560	6220 - Alder/willow	6.3	No	Unspecified	
561	6230 - Cattail	1.9	No	Unspecified	
563	6220 - Alder/willow	3.3	No	Unspecified	
564	3301 - Low Density Deciduous Tree	15.6	No	Unspecified	