



Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 33061

Entry Year: 2026

Acreage: 2,472

County: Menominee

Management Area: Green Bay

Stand Examiner: Dan Beaudo

Legal Description:

T34N R26W Section's 1-4, 9-15

Identified Planning Goals:

Many of the stands treated during the last Year Of Entry (YOE) cycle had forest health issues. Mixed conifer and lowland deciduous stands were treated during the last cycle addressing forest health concerns with the Eastern Larch Beetle(ELB), Spruce Budworm(SBW), and Emerald Ash Borer(EAB). The SBW initiative affected both upland and lowland stand types. ELB and EAB were primarily in lowland stands. Beech Bark Disease scale has recently been identified in the hardwood stands. Hardwood thinning's this cycle will address the increased prevalence of BBD and EAB.

The largest forested cover type in this compartment is cedar. The 3L site condition has been placed on these stands due to the higher concentration of cedar in the stands and how the Deer Wintering Guidelines affect management of these stands.

The second largest cover type is aspen. Aspen stands account for nearly half as many acres as cedar. Age class diversity will be maintained and promoted by clearcutting 18 acres for aspen regeneration.

Northern hardwood stands come in a close third for abundance. About a third of the northern hardwood acreage will be selection thinned. Ash and beech will be targeted more heavily than normal due to the looming mortality that quickly sets in by EAB and BBD.

The rest of the stands are of mixed species. Fifteen acres of lowland deciduous will be clearcut to promote ash, aspen and red maple regeneration. Six acres of lowland mix will be treated to promote aspen and fir regeneration.

Monitoring treatments remain on stands that are slow to regenerate like the lowland conifers or are not showing much regeneration as in the northern hardwood stands.

Phragmite populations have really become noticeable. Continued treatments for non-native phragmites have been placed on stands where it has been observed somewhere in the stand. The treatment layer has been narrowed down in some stands where it is not as prevalent at this time. Treatment will depend on funding and accessibility.

Soil and topography:

This compartment contains the Lupton-Cathro association, Loxley-Dawson association, Lupton-Tawas association, Deford-Wainola-Rousseau complex, and Onaway fine sandy loam. This compartment contains large amounts of poorly drained black muck and muckey peat over sandy loam and brown sand. There are also areas of well drained fine sandy loam over gravelly fine sandy loam mixed throughout the lower areas. The comp. overall is level with some areas of gently rolling hills.

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

This compartment is southeast of Stephenson, five(5) miles east of Wallace and is located on the southern tip of a block of state land that is approximately 8 miles wide and 20 miles long extending northeast into Delta County. This compartment is broken up with many private in-holdings and is surrounded by private property. The area is used primarily for outdoor recreational activities. There are some private agricultural lands within a mile of this compartment on the West and South sides.

Unique Natural Features:

Hayward Lake Wetland Complex

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

The Hayward Lake Wetland Complex has a draft master plan that was prepared in July of 2003.

Watershed and Fisheries Considerations:

33061: This compartment is scattered and contains Hayward Lake, its drainage area, Big Brook Creek, and Fowler Creek. Stand 92 is near Fowler Creek, comments say to buffer that portion- a 100 foot buffer is recommended. If any treatments are near a wetland area, best management practices should be incorporated which include a 100' buffer.

Wildlife Habitat Considerations:

This 2,472 acre compartment contains a diverse array of upland and lowland habitats, with lowland shrub (32%) and cedar (24%) being the two largest cover types. 112 acres of forest treatments have been prescribed this YOY, representing 5% of the compartment. Of these treatments, 73 acres of single tree selections in northern hardwoods, and 39 acres of clearcuts in aspen, lowland mixes, and lowland deciduous forests are planned. Featured species for this compartment include American Woodcock, Wood Thrush, White-tailed Deer, Wild Turkey, and Black Bear. Clearcuts which create young forest condition will benefit all of these species with the exception of the Wood Thrush. 37 acres of potential Wood Thrush habitat will be minimally impacted by single tree selection harvests.

Mineral Resource and Development Concerns and/or Restrictions

Compartment 61: Sections 1-4 & 9-15, T34N-R26W and sections 34-36, T35N-R26W, Menominee County
No known potential exists for commercial oil & gas production in this part of the state. Multiple current and former sand & gravel operations exist just outside the compartment to the southwest. Much of the compartment consists of low wetlands, which would inhibit surface mining, but there may be some sand & gravel potential on the upland drumlins within the compartment. Some remote geophysical surveys covering this area have been conducted, but no known past mineral test drilling has occurred in the vicinity of the compartment. The remote geophysical data provides some evidence that indicates the possible presence of metallic minerals beneath a portion of the compartment, but any such mineral occurrences would be at great depth and may not have significant economic value. Additional research/exploration is needed. There is no current leasing activity involving State-owned mineral rights in the area. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

The main access into this compartment is off of the Hayward Lake Road, North Bay De Noc (Marsh) Road, and Schuster Lane. There are also "2 track" roads branching off of these roads that run into other parts of the compartment. The Hayward Lake Road runs through the middle of the compartment, the North Bay De Noc(Marsh) runs on the southern edge, and the Schuster Lane runs through the northeastern portion of the compartment. Access is limited in many parts of the compartment. The only vehicular access to parts of the compartment is through private property. The state does not have any easements with any of the landowners, so permission must be obtained prior to any management activities.

Survey Needs:

Potentially five(5) survey corners will be needed for the proposed treatments.

Recreational Facilities and Opportunities:

The Hayward Lake access site is within this compartment. Hayward Lake is used heavily for waterfowl hunting. The primary uses are hunting, fishing, and riding ORV's.

Fire Protection:

The majority of the compartment contains cover types that are not prone to large fires. Lowland conifer and hardwood stands along with northern hardwood stands make-up a substantial portion of the compartment. There is an abundant amount of water available for fire suppression. Vehicle access is very limited in portion of the compartment.

Additional Compartment Information:

Any invasive plant identification (including phragmite, autumn olive, barberry) that occurs during this 10 year inventory period can be treated by using invasive species treatment guidelines.

The following reports from the Inventory are attached:

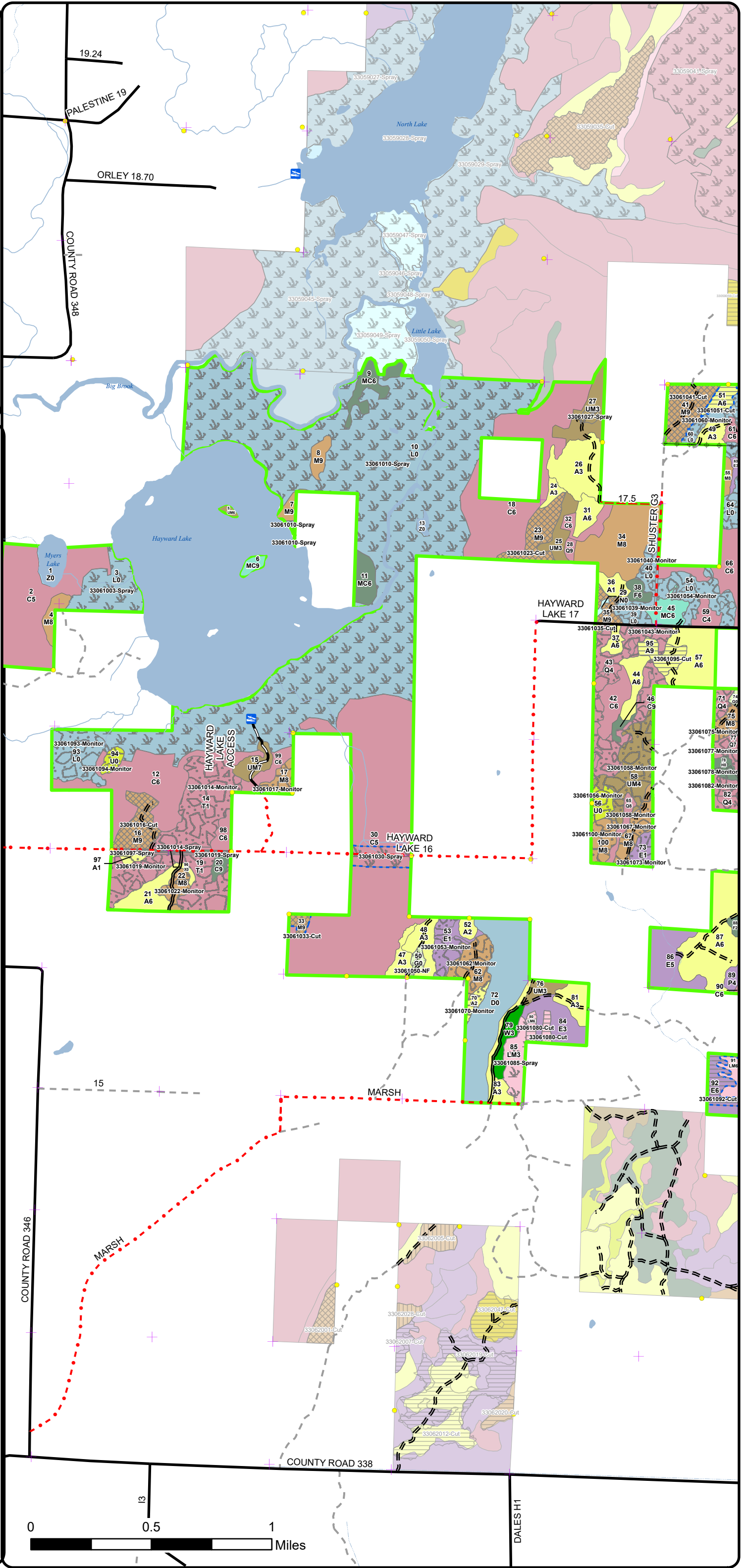
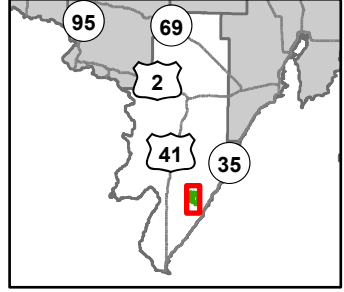
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

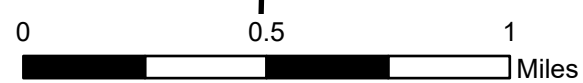
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 33061
 T34N, R26W, Sec: 1-4, 9-15
 County: Menominee
 Unit: Escanaba
 Mgmt Area: Green Bay
 YOE: 2026
 Acres: 2471.7 GIS Calculated
 Examiner: Dan Beaudou
 Map Revised: 10/03/2024
 Map Phase: Post Review



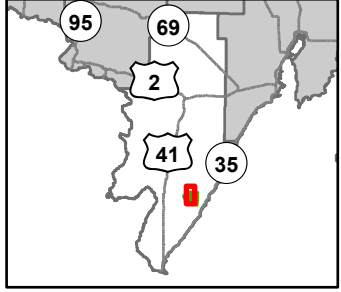
- + Remonumented Section Corners
- Survey Grade Corners
- Boating Access Site
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Pesticide
- Other Treatment - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen Types
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



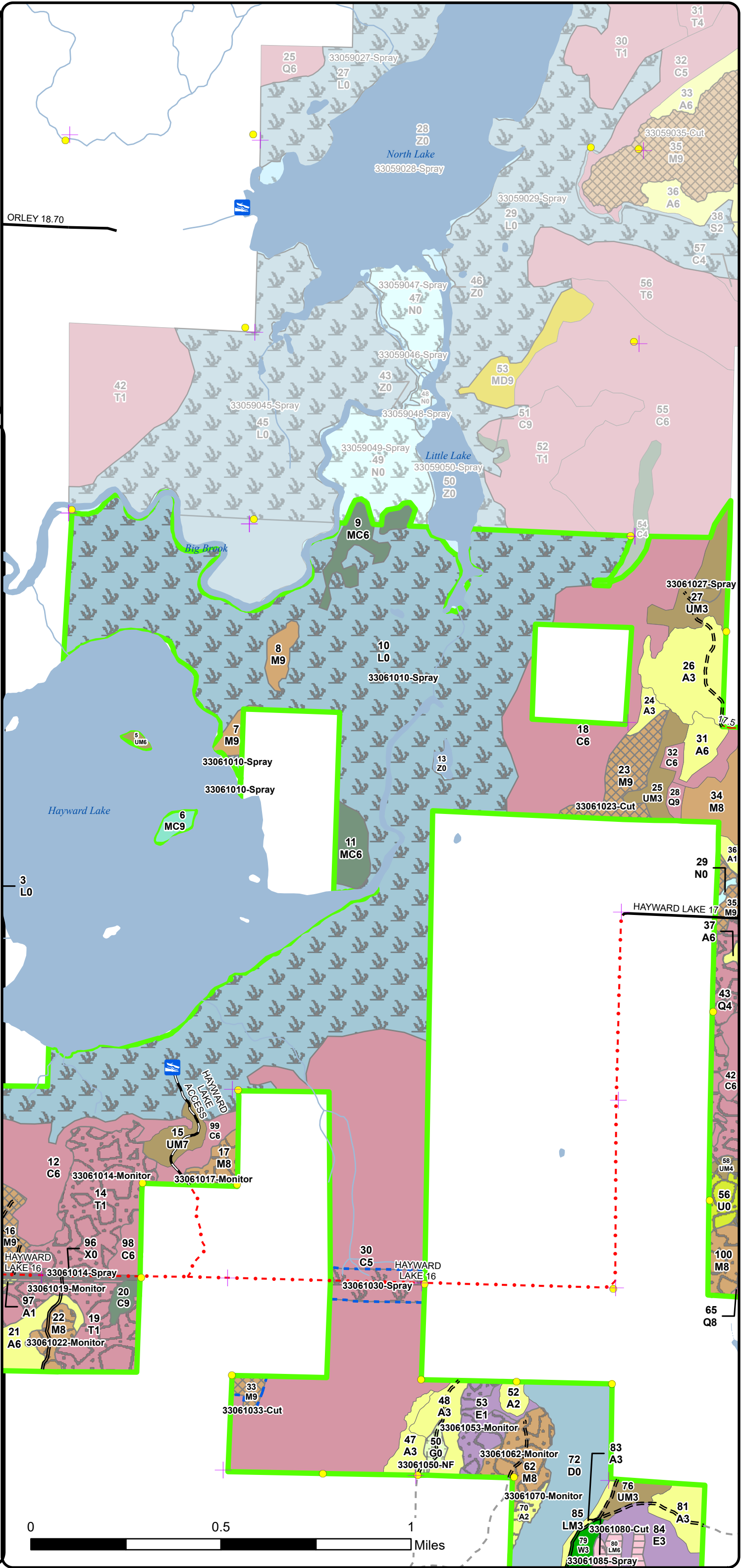
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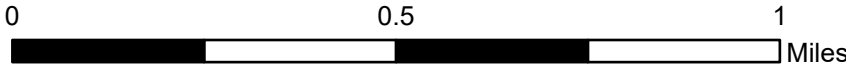
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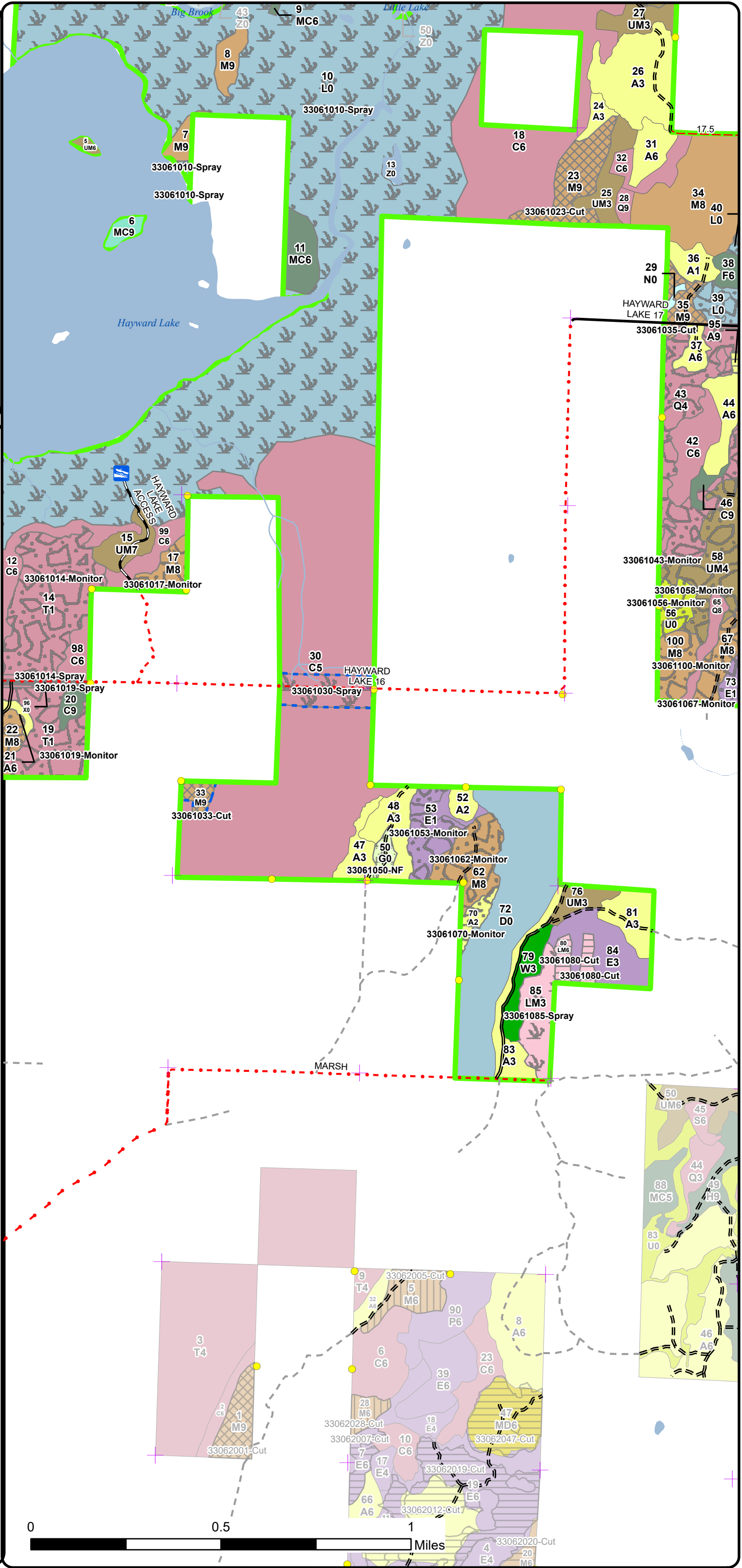
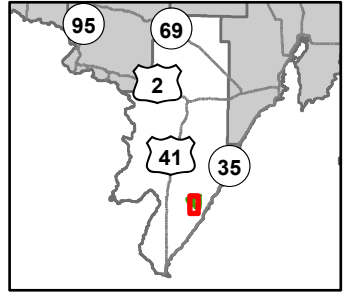


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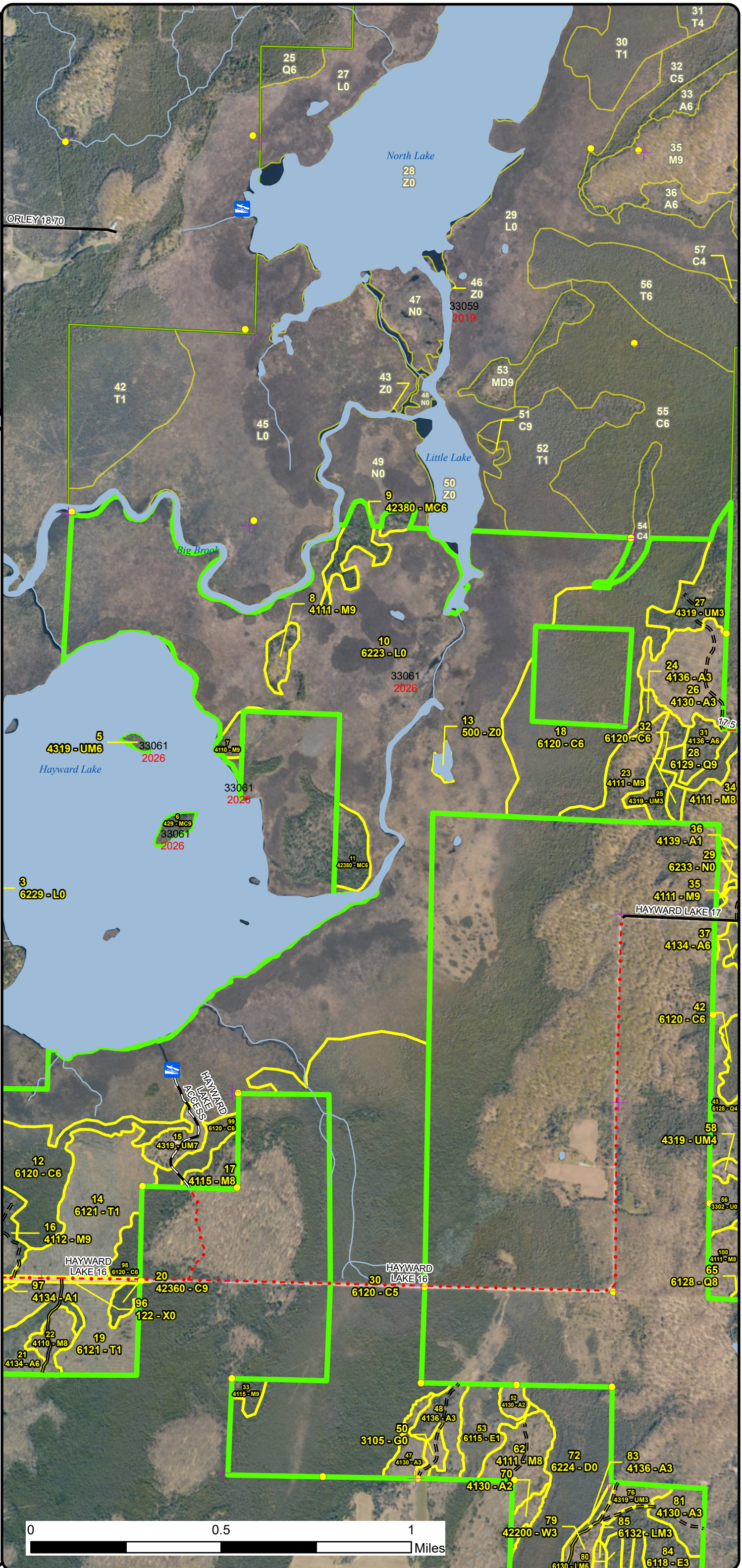
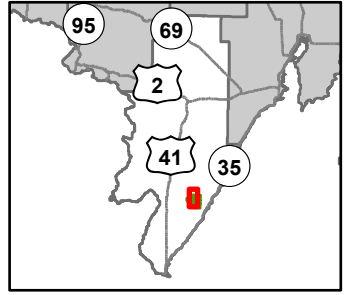


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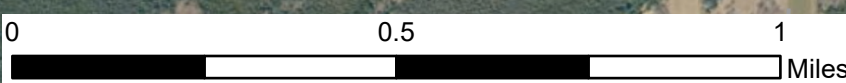


Stand Boundary Map

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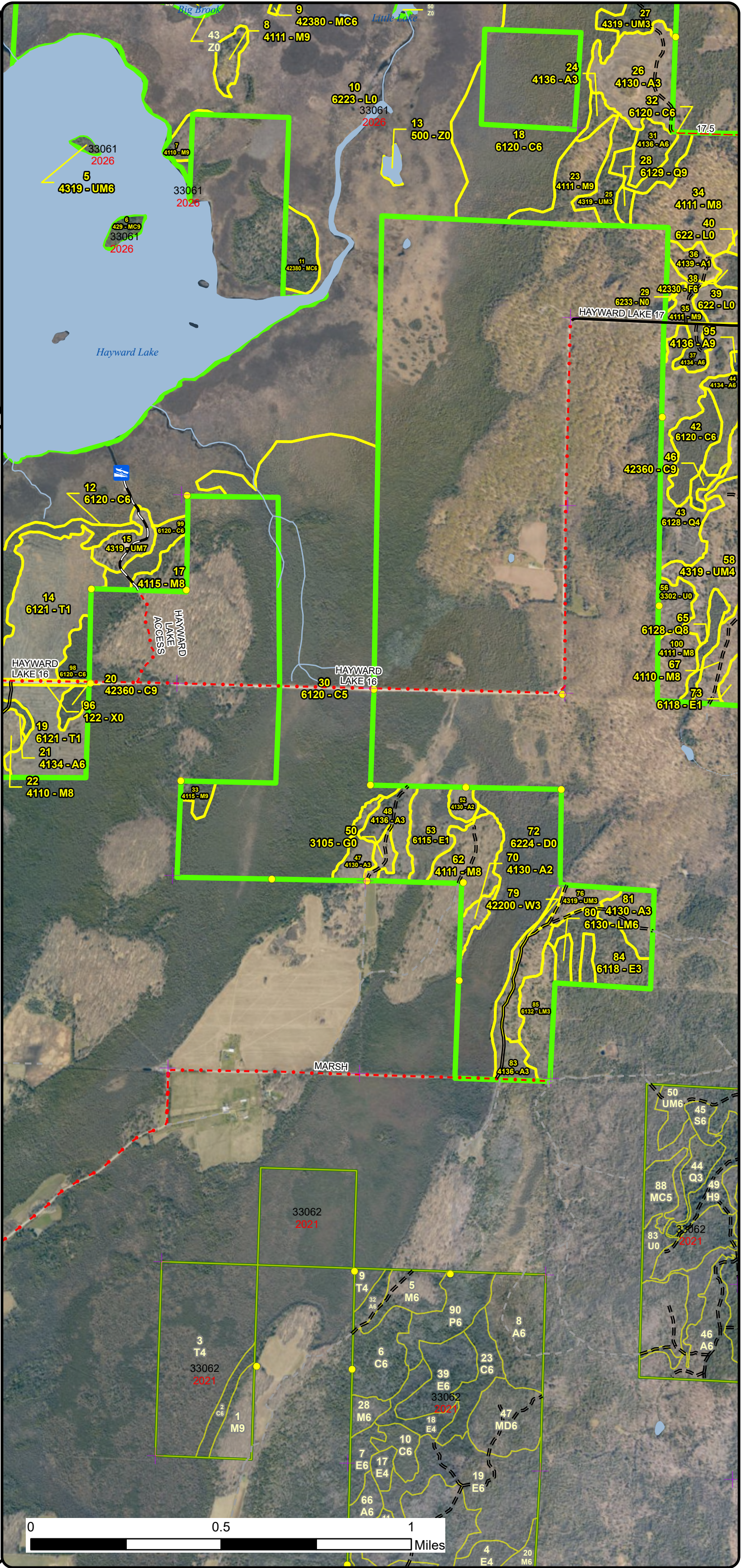
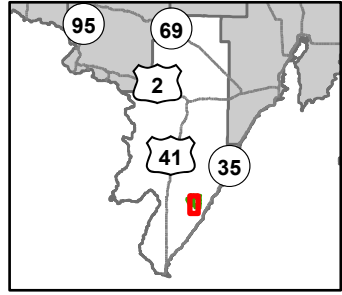


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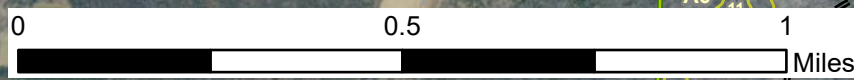


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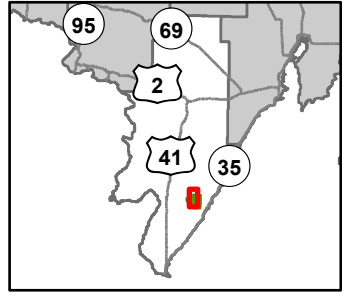


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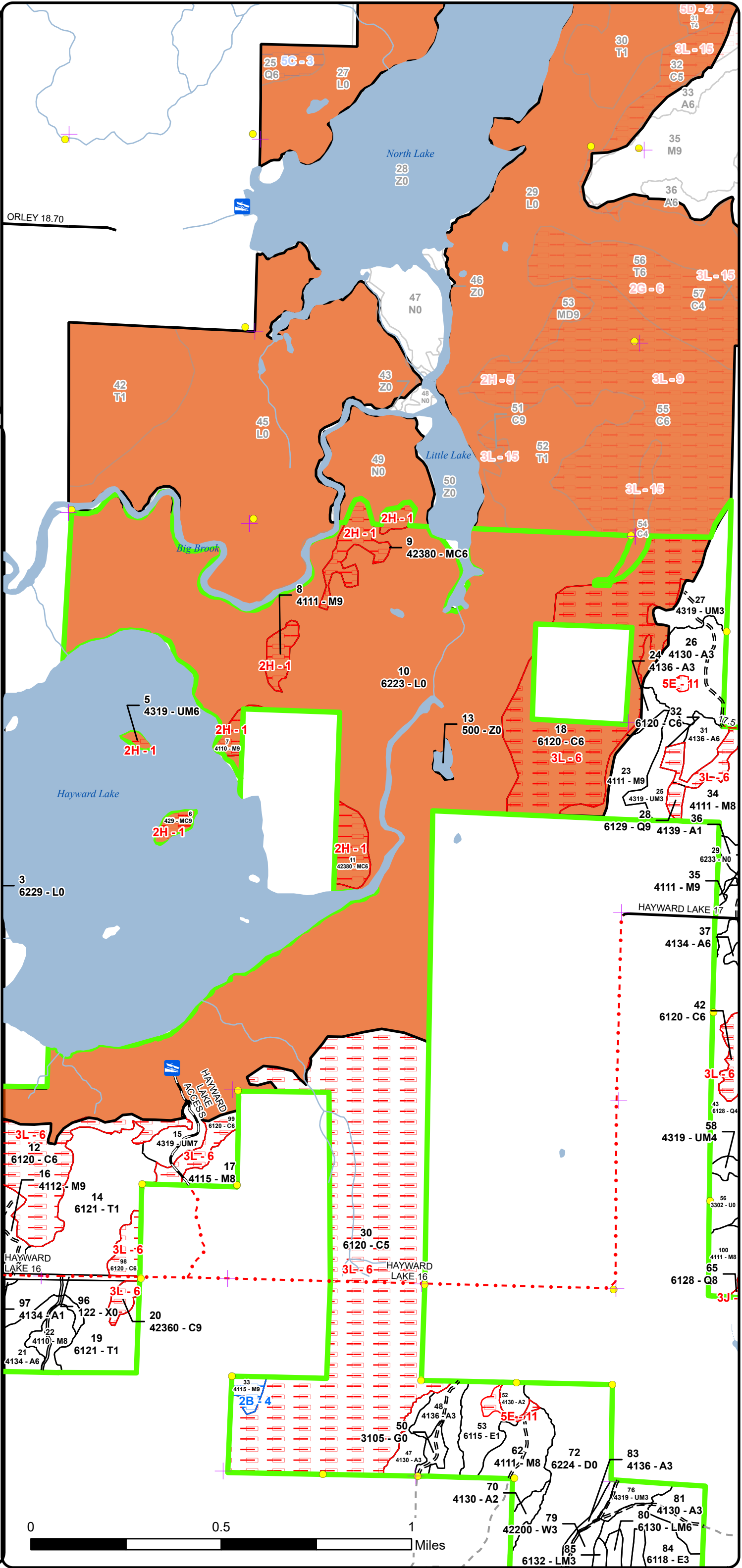


Special Conservation Areas & Site Conditions Map

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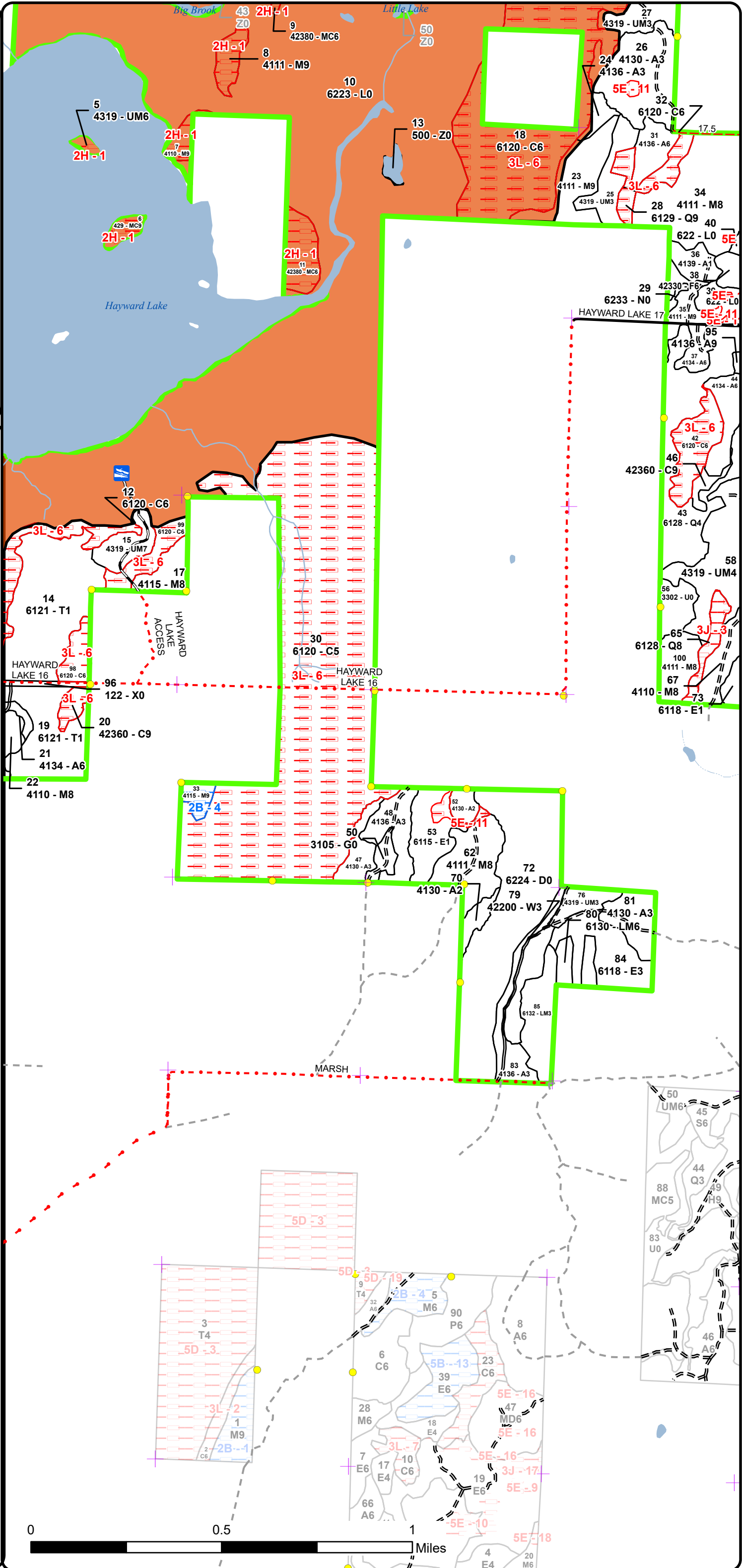
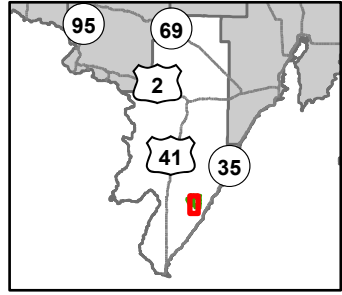
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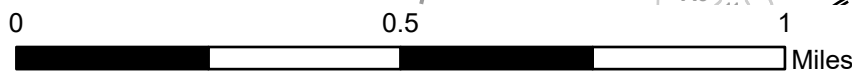
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- Available w/ Constraints
- Unavailable
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Available w/ Constraints
- Unavailable
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- Other Habitat Area

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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	54	40	16	109	10	7	0	0	0	0	0	0	0	0	0	0	0	236
Cedar	0	0	0	0	0	0	0	0	0	0	0	492	13	91	0	0	0	0	595
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Low-Density Trees	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Aspen/Balsam Poplar	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	5	25	27	52	0	0	0	0	109
Lowland Deciduous	0	0	13	19	26	0	0	0	22	0	16	0	0	0	0	0	0	0	96
Lowland Mixed Forest	0	0	0	0	0	6	0	0	0	0	0	0	19	0	0	0	0	15	40
Lowland Shrub	795	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	795
Marsh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Northern Hardwood	0	0	0	0	0	0	0	0	0	26	12	180	0	0	0	0	0	0	217
Tamarack	0	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96
Treed Bog	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69
Upland Conifers	0	0	0	0	0	0	0	0	0	10	0	30	0	0	0	0	0	0	40
Upland Mixed Forest	0	0	0	10	19	0	0	0	0	0	0	45	0	0	0	0	0	6	80
Upland Spruce/Fir	0	0	0	0	21	0	5	0	0	0	0	0	0	0	0	0	0	0	26
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
Total	902	150	53	45	188	16	12	0	22	36	33	772	70	143	0	0	0	30	2467



Report 2 – Treatment Summary

Escanaba Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 61

Total Compartment Acres: 2,472

Commercial Harvest - 62
 Harvests with Site Condition - 51
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	18	0	0	0	0	0	0	0	0	18
Lowland Deciduous	15	0	0	0	0	0	0	0	0	15
Lowland Mixed Forest	6	0	0	0	0	0	0	0	0	6
Northern Hardwood	0	73	0	0	0	0	0	0	0	73
Total	39	73	0	0	0	0	0	0	0	112

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	112	0	0	0	0	690	482	0	7	1291
Next Step	0	0	0	0	0	0	802	0	0	802
Total	112	0	0	0	0	690	1284	0	7	2094



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Proposed Treatments:

3	33061003-Spray	32.1	6229 - Mixed lowland shrub	Nonstocked		Unspecified	Pesticide	Other - Specify	6229 - Mixed lowland shrub		No
<p><u>Prescription</u> Remove invasive species with herbicide application. Aerial application with drone, helicopter, or hand application.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Herbicide Use</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
10	33061010-Spray	615.9	6223 - Inundated Shrub Swamp	Nonstocked			Pesticide	Other - Specify	6229 - Mixed lowland shrub		No
<p><u>Prescription</u> Remove invasive species with herbicide application as funding is available. Use of aerial application, drone or helicopter, or hand application.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Herbicide Use</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
14	33061014-Spray	2.0	6121 - Tamarack	Sapling Poor	6	Immature	Pesticide	Hand Application	6139 - Mixed Lowland Forest	Even-Aged	No
<p><u>Prescription</u> Herbicide application to remove invasive phragmite from stand 14. This treatment is shown on the map along the road but other patches of phragmites are in the stand but a Monitoring treatment on the rest of the stand.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Herbicide Use</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Remove invasive phragmites.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
16 33061016-Cut	18.2	4112 - Maple, Beech, Cherry Association	Sawtimber Well	104	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Selection thin stand according to the Compleat Marker guidelines to a basal area around 70. Remove ash, balm, balsam fir, and ironwood greater than 3" dbh. Cedar and hemlock may be removed for operational purposes. Approximately 20 cord of cedar and 5 cord of hemlock would be harvested.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Species within the canopy layers.</p> <p><u>Regen:</u></p> <p><u>Other</u> - This stand is in deer conditional range and has a canopy composition of 5% hemlock and 5% cedar. Harvest of cedar and hemlock for operational purposes has been agreed upon between FRD and WLD in this stand. This harvest is estimated to produce about 20 cords of cedar, and 5 cords of hemlock.</p> <p><u>Comment:</u></p> <p>Selection harvesting may be the most misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks increase. Removing the higher-risk trees and leaving the trees with higher potential improves the quality and character of the forest. The partially-opened canopy allows enough light to accelerate individual tree health, vigor and allows seedlings to grow. The young trees eventually replace the older trees as the older trees either die or are harvested.</p> <p>Northern hardwood stands are recommended to be thinned at least every 15 years to improve health, productivity and stimulate regeneration</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
17 33061017-Monitor	7.9	4115 - Y.Birch, Hemlock NH	Sawtimber Medium	104	51-80	Monitoring	Natural Regen (Re-Inventory)	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Check regeneration next inventory cycle.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Species in the canopy layers.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
19 33061019-Spray	1.3	6121 - Tamarack	Sapling Poor	6	Immature	Pesticide	Hand Application	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Herbicide application to remove invasive phragmite in stand 19.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Herbicide Use</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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23	33061023-Cut	18.6	4111 - S.Maple, Hard Mast Association	Sawtimber Well	104	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Selection thin stand according to the Compleat Marker guidelines. Remove ash, aspen, balm, balsam fir, ironwood and spruce greater than 3" dbh. Remove most of the beech trees due to BBD except leave some large mast producing trees. Cedar(0-20 cord) and hemlock(0-5 cord) may be cut for operational purposes.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Species in the canopy layers.

Regen:

Other This stand is in deer conditional range and has a canopy composition of 2% hemlock and less than 5% cedar. Harvest of cedar and hemlock for operational purposes has been agreed upon between FRD and WLD in this stand. This harvest is estimated to produce about 20 cords of cedar, and 5 cords of hemlock.

Comment:

Selection harvesting may be the most misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks increase. Removing the higher-risk trees and leaving the trees with higher potential improves the quality and character of the forest. The partially-opened canopy allows enough light to accelerate individual tree health, vigor and allows seedlings to grow. The young trees eventually replace the older trees as the older trees either die or are harvested.

Northern hardwood stands are recommended to be thinned at least every 15 years to improve health, productivity and stimulate regeneration

Site Condition:

Proposed Start Date: 10/1 /2025

27	33061027-Spray	2.3	4319 - Mixed Upland Forest	Sapling Well	31	81-110	Pesticide	Hand Application	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Remove non-native phragmites from the stand using herbicide application as funding is available.

Specs:

Next Step Monitoring, Herbicide Use

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

30	33061030-Spray	13.5	6120 - Lowland Cedar	Poetimber Medium	104	51-80	Pesticide	Hand Application	6120 - Lowland Cedar	Even-Aged	No
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Prescription Remove non-native phragmites from the stand using herbicide application as funding is available.

Specs:

Next Step Monitoring, Herbicide Use

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition: Wildlife Concerns

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
33 33061033-Cut	3.9	4115 - Y.Birch, Hemlock NH	Sawtimber Well	101	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Selection thin stand according to the Compleat Marker bringing the stand to about 70 basal area. Cedar and hemlock can be cut for operational purposes with 6 cord cedar and 4 cord hemlock possibly being harvested. Private access is unknown at this time.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Species within the canopy layers.</p> <p><u>Other Comment:</u> This stand is in deer conditional range and has a canopy composition of 15% hemlock and 10% cedar. Harvest of cedar and hemlock for operational purposes has been agreed upon between FRD and WLD in this stand. This harvest is estimated to produce about 4 cords of cedar, and 1.5 cords of hemlock.</p> <p>Northern hardwood stands are recommended to be thinned at least every 15 years to improve health, productivity and stimulate regeneration</p> <p>Selection harvesting may be the most misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks increase.</p> <p>Removing the higher-risk trees and leaving the trees with higher potential improves the quality and character of the forest. The partially-opened canopy allows enough light to accelerate individual tree health, vigor and allows seedlings to grow. The young trees eventually replace the older trees as the older trees either die or are harvested.</p> <p><u>Site Condition:</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
35 33061035-Cut	7.8	4111 - S.Maple, Hard Mast Association	Sawtimber Well	101	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Selection thin stand according to the Compleat Marker guidelines. Remove ash, aspen, balm, balsam fir, beech, ironwood and spruce greater than 3" dbh. Bring stand down to around 70 basal area. Cedar(0-20 cord) and hemlock (0-5 cord) may be cut for operational purposes.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Species in the canopy layers.</p> <p><u>Other Comment:</u> This stand is in deer conditional range and has a canopy composition of 5% hemlock, and less than 5% cedar. Harvest of cedar and hemlock for operational purposes has been agreed upon between FRD and WLD in this stand. This harvest is estimated to produce about 20 cords of cedar, and 5 cords of hemlock.</p> <p>Stand has a higher basal area and meets the recommended time frame for thinning along with forest health issues with some of the species.</p> <p>Selection harvesting may be the most misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks increase. Removing the higher-risk trees and leaving the trees with higher potential improves the quality and character of the forest. The partially-opened canopy allows enough light to accelerate individual tree health, vigor and allows seedlings to grow. The young trees eventually replace the older trees as the older trees either die or are harvested.</p> <p>Northern hardwood stands are recommended to be thinned at least every 15 years to improve health, productivity and stimulate regeneration</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
41 33061041-Cut	22.5	4110 - Sugar Maple Association	Sawtimber Well	86	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Selection thin stand to approximately 70 basal area according to the Compleat Marker guidelines. Remove most of the ash and beech due to EAB and BBD scale presence.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Species in the canopy layers.</p> <p><u>Other Comment:</u> Selection harvesting may be the most misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks increase. Removing the higher-risk trees and leaving the trees with higher potential improves the quality and character of the forest. The partially-opened canopy allows enough light to accelerate individual tree health, vigor and allows seedlings to grow. The young trees eventually replace the older trees as the older trees either die or are harvested.</p> <p>Northern hardwood stands are recommended to be thinned at least every 15 years to improve health, productivity and stimulate regeneration</p> <p><u>Site Condition:</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
50 33061050-NF	3.7	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> No work has been done here in the last decade</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 8 /29/2024</p>										
51 33061051-Cut	6.8	4130 - Aspen	Poetimber Well	56	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut, cut all trees greater than 3" except retain a dense cedar patch and cut the scattered cedar for about 10 cord of cedar being harvested.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Species in the canopy layers.</p> <p><u>Other Comment:</u> This stand is in deer conditional range and has a canopy composition of 5% cedar. Harvest of cedar outside of planned retention areas has been agreed upon between FRD and WLD in this stand. This harvest is estimated to produce about 10 cords.</p> <p>This aspen stand was held last Year Of Entry from harvest due to the adjacent stand treatment. Aspen is mature and other species have forest health issues. Retain some cedar for diversity but cedar and hemlock are in adjacent stands. This stand will provide food and cover for multiple species at different age requirements. Harvesting at this time will also diversify the age class of aspen stands in the area.</p> <p>Clearcutting is the solution to forest types whose seedlings or sprouts require full sunlight. Seeds and buds respond well to the warmed ground. The abundance of light produces excellent growth, some of the fastest we have. Species such as aspen, paper birch and jack pine require full sunlight.</p> <p><u>Site Condition:</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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60	33061060-Spray	3.0	622 - Lowland Shrub	Nonstocked	0	Unspecified	Pesticide	Other - Specify	613 - Lowland Mixed Forest	Even-Aged	No
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Prescription Treat invasive species with herbicide in the stand. Aerial application with drone or helicopter or hand application.

Specs:

Next Step Monitoring, Herbicide Use

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

69	33061069-Cut	2.4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	94	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Thin stand to around 70 basal area leaving the southern aspen portion out of the treatment. Cut all ash, aspen, balm, balsam, ironwood and spruce.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Species in the canopy layers.

Regen:

Other Selection harvesting may be the most misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks increase. Removing the higher-risk trees and leaving the trees with higher potential improves the quality and character of the forest. The partially-opened canopy allows enough light to accelerate individual tree health, vigor and allows seedlings to grow. The young trees eventually replace the older trees as the older trees either die or are harvested.

Comment:

Northern hardwood stands are recommended to be thinned at least every 15 years to improve health, productivity and stimulate regeneration

Site Condition: Unknown Access

Proposed Start Date: 10/1 /2025

74	33061074-NF	3.3	3105 - Mixed Upland Herbaceous	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
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Prescription Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other No work has been done here in the last decade

Comment:

Site Condition:

Proposed Start Date: 8 /30/2024



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
80 33061080-Cut	6.0	6130 - Fir, Aspen, Maple	Poletimber Well	49	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Cut all trees greater than 3" dbh except leave cedar and hemlock if present. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> Species in the canopy layers. <u>Other Comment:</u> Mature age for the aspen and decline with spruce fir. This will provide full sunlight to promote aspen sprouting, seed germination and browse. Clearcutting is the solution to forest types whose seedlings or sprouts require full sunlight. Seeds and buds respond well to the warmed ground. The abundance of light produces excellent growth, some of the fastest we have. Species such as aspen, paper birch and jack pine require full sunlight. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
82 33061082-Spray	4.1	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	104	1-50	Pesticide	Other - Specify	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Herbicide application to remove invasive species(phragmites). Use of aerial-drone or helicopter or hand application. <u>Specs:</u> <u>Next Step</u> Monitoring, Herbicide Use <u>Treatments:</u> <u>Acceptable Regen:</u> <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
85 33061085-Spray	15.0	6132 - Mixed Lowland Forest with Cedar	Sapling Well	19	Immature	Pesticide	Other - Specify	613 - Lowland Mixed Forest	Uneven-Aged	No
<p><u>Prescription</u> Herbicide treatment to invasive species. Use of aerial-drone, helicopter or hand application. <u>Specs:</u> <u>Next Step</u> Monitoring, Herbicide Use <u>Treatments:</u> <u>Acceptable Regen:</u> <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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92	33061092-Cut	15.3	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	72	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
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Prescription Specs: Cut all trees greater than 3" dbh except cut birch greater than 4" dbh. Do not cut hemlock and leave some cedar and large deciduous seed trees. Approximately 45 cord of cedar would be harvested.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: Species within the canopy layers.

Other Comment: This stand is in deer conditional range and has a canopy composition of 5% hemlock and 10% cedar. Harvest of cedar outside of planned retention areas has been agreed upon between FRD and WLD in this stand. This harvest is estimated to produce about 45 cords.

Some species like aspen are overmature at this age. Others are suffering from forest health issues. Parts of the stand has be cut many years ago.

Clearcutting is the solution to forest types whose seedlings or sprouts require full sunlight. Seeds and buds respond well to the warmed ground. The abundance of light produces excellent growth, some of the fastest we have. Species such as aspen, paper birch and jack pine require full sunlight.

Site Condition: Unknown Access

Proposed Start Date: 10/1 /2025

95	33061095-Cut	10.9	4136 - Aspen, Mixed Conifer	Sawtimber Well	37	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Cut all trees greater than 3" except leave cedar, hemlock, a couple large deciduous seed trees and 26" and greater dbh pine trees.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: Species in the canopy layers.

Other Comment: Harvesting this aspen stand will diversify the areas aspen age class while retaining cedar, hemlock, large pine and some deciduous seed trees that are lacking in the surrounding area.

Clearcutting is the solution to forest types whose seedlings or sprouts require full sunlight. Seeds and buds respond well to the warmed ground. The abundance of light produces excellent growth, some of the fastest we have. Species such as aspen, paper birch and jack pine require full sunlight.

Site Condition:

Proposed Start Date: 10/1 /2025

97	33061097-Spray	0.7	4134 - Aspen, Spruce/Fir	Sapling Poor	4	Immature	Pesticide	Hand Application	4319 - Mixed Upland Forest	Uneven-Aged	No
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Prescription Specs: Herbicide application to invasive phragmite in stand 97.

Next Step Treatments: Monitoring, Herbicide Use

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
100 33061100-Monitor	10.7	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	101	51-80	Monitoring	Natural Regen (Re-Inventory)	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Check regeneration next inventory cycle. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Species in the canopy layers. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										

Approved Treatments:

14 33061014-Monitor	48.6	6121 - Tamarack	Sapling Poor	6	Immature	Monitoring	Natural Regen (Re-Inventory)	6121 - Tamarack	Even-Aged	No
<p><u>Prescription</u> Regeneration survey <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Tamarack, spruce, and cedar. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/2 /2018</p>										
19 33061019-Monitor	47.6	6121 - Tamarack	Sapling Poor	6	Immature	Monitoring	Natural Regen (Re-Inventory)	612 - Lowland Coniferous Forest	Two-Aged	No
<p><u>Prescription</u> Regeneration survey next inventory cycle. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Manage the stand for mixed lowland conifer. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
22 33061022-Monitor	7.9	4110 - Sugar Maple Association	Sawtimber Medium	96	51-80	Monitoring	Natural Regen (Re-Inventory)	4110 - Sugar Maple Association	Uneven-Aged	No
<p><u>Prescription</u> Regen survey. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> This stand is being managed for northern hardwoods. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 9 /30/2023</p>										
39 33061039-Monitor	7.8	622 - Lowland Shrub Nonstocked		0		Monitoring	Natural Regen (Re-Inventory)	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> Regen survey. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> The stand will be managed for lowland hardwood and balsam fir. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 9 /30/2023</p>										
40 33061040-Monitor	7.4	622 - Lowland Shrub Nonstocked		0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Regen survey. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> This stand is being managed for a mix of lowland species, both deciduous and coniferous. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 9 /30/2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
43 33061043-Monitor	48.3	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	120	1-50	Monitoring	Natural Regen (Re-Inventory)	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for lowland deciduous. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2023</p>										
53 33061053-Monitor	13.1	6115 - Lowland Ash	Sapling Poor	94	1-50	Monitoring	Natural Regen (Re-Inventory)	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> Regen survey. <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for lowland hardwood and balsam fir. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u> <u>Proposed Start Date:</u> 9 /30/2023</p>										
54 33061054-Monitor	24.1	622 - Lowland Shrub	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Regen survey. <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for lowland hardwood and balsam fir. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u> <u>Proposed Start Date:</u> 9 /30/2023</p>										
56 33061056-Monitor	7.5	3302 - Low Density Conifer Trees	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> This stand is being managed for a mix of lowland hardwood and conifer. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
58 33061058-Monitor	33.9	4319 - Mixed Upland Forest	Poletimber Poor	101	1-50	Monitoring	Natural Regen (Re-Inventory)	4113 - R.Maple, Conifer	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for a mix of maple, beech, balsam fir, and white pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
60 33061060-Monitor	23.7 622	Lowland Shrub Nonstocked		0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for lowland hardwood with some conifer.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
62 33061062-Monitor	18.4	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	101	51-80	Monitoring	Natural Regen (Re-Inventory)	4112 - Maple, Beech, Cherry Association	Uneven-Aged	No
<p><u>Prescription</u> Regen survey.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for a mix of northern hardwoods.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 9 /30/2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
64 33061064-Monitor	42.0	622 - Lowland Shrub	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	No
<p><u>Prescription</u> Regen survey. <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for lowland hardwoods and balsam fir. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 9/30/2023</p>										
67 33061067-Monitor	14.2	4110 - Sugar Maple Association	Sawtimber Medium	101	51-80	Monitoring	Natural Regen (Re-Inventory)	4112 - Maple, Beech, Cherry Association	Uneven-Aged	No
<p><u>Prescription</u> <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for mixed upland deciduous hardwoods. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1/2023</p>										
68 33061068-Monitor	3.7	622 - Lowland Shrub	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	6115 - Lowland Ash	Even-Aged	No
<p><u>Prescription</u> Regen survey. <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for lowland hardwood and balsam fir. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1/2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
70 33061070-Monitor	4.1	4130 - Aspen	Sapling Medium	6	Immature	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Regen survey. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Manage this stand for aspen. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 9/30/2023</p>										
71 33061071-Monitor	4.6	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	98	1-50	Monitoring	Natural Regen (Re-Inventory)	611 - Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Lowland hardwood, aspen, and spruce/fir. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1/2023</p>										
73 33061073-Monitor	7.0	6118 - Lowland Deciduous with Cedar	Sapling Poor	15	Immature	Monitoring	Natural Regen (Re-Inventory)	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> This stand will be managed for beech and spruce/fir primarily. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1/2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
75 33061075-Monitor	16.9	4115 - Y.Birch, Hemlock NH	Sawtimber Medium	104	1-50	Monitoring	Natural Regen (Re-Inventory)	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription Specs:</u></p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u> Manage this stand for upland hardwood and balsam fir.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
77 33061077-Monitor	20.7	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Poor	117	1-50	Monitoring	Natural Regen (Re-Inventory)	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	No
<p><u>Prescription Specs:</u> Regeneration survey next inventory cycle.</p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u> Manage this stand for a mix of hardwood and spruce/fir.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
78 33061078-Monitor	11.4	42350 - Upland Hemlock	Sawtimber Medium	117	1-50	Monitoring	Natural Regen (Re-Inventory)	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription Specs:</u></p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u> Manage this stand for a mix of hemlock, white pine, and upland hardwood.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
82 33061082-Monitor	19.1	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	104	1-50	Monitoring	Natural Regen (Re-Inventory)	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	No
<p><u>Prescription</u> <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Manage this stand for mixed hardwood and balsam fir. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
93 33061093-Monitor	27.2	622 - Lowland Shrub	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	6121 - Tamarack	Even-Aged	No
<p><u>Prescription</u> Regeneration survey <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Tamarack, spruce, and cedar. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/2 /2018</p>										
94 33061094-Monitor	4.3	3301 - Low Density Deciduous Trees	Nonstocked		Unspecified	Monitoring	Natural Regen (Re-Inventory)	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Regeneration survey. <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Maple, ash, spruce/fir, and pine. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/2 /2018</p>										

Total Treatment 1291.4
Acres Proposed:

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Beaudou: Examiner

Compartment: 61
Year of Entry: 2026



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		2B	2H	3J	3L	5E
237	229	7	1	Aspen	7				1
596	3	0	593	Cedar				593	
11	11	0	0	Hemlock					
7	7	0	0	Herbaceous Openland					
12	12	0	0	Low-Density Trees					0
13	13	0	0	Lowland Aspen/Balsam Poplar					
110	102	0	8	Lowland Conifers			6	2	
95	71	22	3	Lowland Deciduous	22				3
40	21	0	19	Lowland Mixed Forest				19	
795	789	0	6	Lowland Shrub					6
1	1	0	0	Marsh					
218	179	29	10	Northern Hardwood	29	10			
96	96	0	0	Tamarack					
69	69	0	0	Treed Bog					
40	10	0	30	Upland Conifers		30			
81	79	0	2	Upland Mixed Forest		2			
25	25	0	0	Upland Spruce/Fir					
5	5	0	0	Urban					
13	13	0	0	Water					
9	9	0	0	White Pine					
2,472	1,742	58	672	Total Forested Acres	58	42	6	614	10
	70%	2%	27%	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
1	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	42	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Upland stand surrounded by large lowland/water complex hard to access without cold and long winter freezing period.							

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Beaudou: Examiner

Compartment: 61
Year of Entry: 2026



2	Available	2B: Unknown if access through adjacent landowner(s) is possible	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: State land surrounded by private. Unknown if access will be allowed for timber sale activities.							
3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long narrow stand provides buffer to drainage/start of creek within.							
4	Available	2B: Unknown if access through adjacent landowner(s) is possible	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Access through private property appears upland. Access by State is almost a half mile through cedar swamp.							
5	Available	2B: Unknown if access through adjacent landowner(s) is possible	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Unknown access at this time.							
6	Unavailable	3L: Other wildlife concerns	614	Unspecified	Unspecified	Unspecified	Unspecified
Comments: High amount of northern white cedar and/or hemlock. Lack of treatment due to Deer Winter Range Guidelines.							
11	Unavailable	5E: Long-Term Retention	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: YOE 2016 timber sale treatment retention patches/areas.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

Mgt. Unit

Compartment:

Year of Entry



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
1	500 - Water	Nonstocked	10.5		Immature	No	Myers Lake																																																
2	6120 - Lowland Cedar	Poletimber Medium	82.4	104	Unspecified	N/A	YOE 2016: Very poor quality stand. The stand has a low basal area of merchantable stems (mostly cedar), with some cedar regeneration present.																																																
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Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																				
3	6229 - Mixed lowland shrub	Nonstocked	32.1		Unspecified	No	Mixed grass, tag alder, cedar, ash, cattails. Lowland area next to Hayward Lake.																																																
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4	4119 - Mixed Northern Hardwoods	Sawtimber Medium	7.1	102	51-80	N/A	Trace of paper birch trees and tamarack seedlings with high density of balsam fir seedlings. Cedar is located along transition with cedar swamp boarder. Hemlock is scattered through out the stand in both canopy layers. The northern portion of the stand has a higher basal area and sugar maple concentration than the southern portion. YOE 2016: Stand was thinned in 2018 on contract 028-16-01. Good quality hardwood stand with dense balsam fir regeneration throughout most of the stand. The only access into this stand is through private property.																																																
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5	4319 - Mixed Upland Forest	Poletimber Well	2.0	101	111-140	N/A	YOE 2016: SCA - Island within Hayward Lake. Stand is primarily a mix of birch and cedar. There is lots of garbage on the island from duck hunters.																																																
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6	429 - Mixed Upland Conifers	Sawtimber Well	4.4	101	111-140	N/A	YOE 2016: SCA - Island within Hayward Lake. Stand is a mix of large white pine on the east side and a mix of cedar, birch, and aspen on the west side. There is lots of garbage on the island from duck hunters.																																																
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8	4111 - S.Maple, Hard Mast Association	Sawtimber Well	6.1	101	81-110	N/A	YOE 2016: SCA - Mature upland forest within a large swamp complex. Very good quality hardwood stand with heavy sedge.																																																
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10	6223 - Inundated Shrub Swamp	Nonstocked	615.9			No	Large expanse of lowland brush around Hayward Lake.																																																
11	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	11.0	101	111-140	N/A	YOE 2016: SCA - Mature upland forest within a large swamp complex.																																																
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12	6120 - Lowland Cedar	Poletimber Well	63.0	104	51-80	N/A	This is the remaining forested portion that was delineated out during the forest health surveillance survey for treating SBW and ELB. A higher percentage of cedar of better quality remains in this stand. YOE 2016: Poor quality cedar stand with some pockets of other species mixed in. A 40 acre portion of the stand was clearcut in 2018 on contract 028-16-01. The stand was a mix of tamarack and low quality cedar. This stand was approved via a chapter 7 request in May of 2016, because the eastern larch beetle had caused a significant amount of tamarack mortality and defoliation. Stand 12 is the parent stand with stands 14, 93 and 94 separated out after the sale was completed.																																																						
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13	500 - Water	Nonstocked	2.0			No	Small pond																																																						
14	6121 - Tamarack	Sapling Poor	50.1	6	Immature	N/A	Stand has tamarack seedlings that are up to 10' tall. There is also balsam fir and black spruce seedlings present. Monitoring treatment to check next inventory cycle to verify the regeneration continued to spread and fill in the stand. YOE 2016: Stand was clearcut in 2017 and 18 on contract 028-16-01.																																																						
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15	4319 - Mixed Upland Forest	Sawtimber Poor	9.1	101	1-50	N/A	This stand is mixed upland and lowland having a diverse of species at seedling/sapling stage with several large seed trees present. Stand is regeneration at a reforestation rate so the monitor treatment from the timber harvest in 2017 has been removed. YOE 2016: Stand was shelterwood cut in 2017 on contract 028-16-01. Stand was previously thinned in 1991 on contract 036-91-01. There is a gravel pit in the center of this stand. The road and parking lot for the Hayward Lake Access Site is within this stand.																																																						
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16	4112 - Maple, Beech, Cherry Association	Sawtimber Well	18.2	104	111-140	N/A	The southern portion of the stand is mostly sugar maple and basswood. In the northern portion is lower and flatter elevation with the red maple, beech, yellow birch, hemlock and cedar. Balsam throughout stand mostly sapling. This stand is ready to be selection thinned to open up the canopy, reduce competition and improve the stands health and quality. YOE 2016: Stand was last thinned in 1991 on contract 036-91-01. Good quality hardwood stand that should be thinned in 10 years.																																																						
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17	4115 - Y.Birch, Hemlock NH	Sawtimber Medium	7.9	104	51-80	N/A	<p>With the beech removal added via out of year entry approval after the sale was sold due to beech scale infestation, the stands basal area was dropped lower in those areas.</p> <p>YOE 2016: Stand was thinned in 2017 on contract 028-16-01. Beech scale was found during the course of the sale, so the majority of the beech was harvested. Good quality hardwood stand with a significant component of hemlock.</p>	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Sugar Maple		55	Log/Pole	12	104	Beech		
Basswood		15	Log/Pole	12		Ironwood		
Northern White Cedar		5	Log	10				
Hemlock		20	Log/Pole	12				
Yellow Birch		3	Pole/Log	9				
Beech		2	Log/Pole	10				
18	6120 - Lowland Cedar	Poletimber Well	86.7	104		N/A	<p>YOE 2016: SCA - Removal, this is not an unique stand. Very poor quality cedar stand with small isolated pockets of better quality trees.</p>	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Tamarack		5	Pole	10		Balsam Fir		
Black Ash		15	Pole/Sapling	6		Tamarack		
Northern White Cedar		75	Pole/Sapling	7	104	Tag Alder		
Yellow Birch		5	Pole	9				
19	6121 - Tamarack	Sapling Poor	46.1	6	Immature	N/A	<p>Tamarack seedling can be seen up to 10' tall. Balsam and some spruce also visible. Cattails with some areas of phragmites are the most visible. Some residual sub merchantable cedar are seen in the middle of the stand. The upland portion in the northwest area of the stand was delineated out to form its own upland stand. The monitoring treatment will remain on the upland portion as previously was part of this stand.</p> <p>YOE 2016: Stand was clearcut in 2017 and 18 on contract 028-16-01.</p>	
Canopy Species		% Cover	Size Class	DBH	Age			
Balsam Fir		15	Sapling	1				
Black Spruce		10	Sapling	1				
Tamarack		75	Sapling	1	6			
20	42360 - Upland Cedar	Sawtimber Well	3.7	113	141-170	N/A	<p>High quality upland cedar stand.</p>	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		10	Log	14		Balsam Fir		
Yellow Birch		8	Log	12				
Northern White Cedar		60	Log/Pole	12	113			
Paper Birch		5	Log/Pole	12				
Hemlock		15	Log	14				
Beech		2	Log	16				
21	4134 - Aspen, Spruce/Fir	Poletimber Well	16.3	36	51-80	N/A	<p>YOE 2016: Stand was clearcut in 1988 on contract 08-87. Fully stocked aspen stand. There are some steep ridges within the stand.</p>	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Balsam Fir		25	Pole/Sapling	5	36	Balsam Fir		
Bigtooth Aspen		15	Pole	8		Tamarack		
Quaking Aspen		60	Pole	8	36	Northern White Cedar		



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22	4110 - Sugar Maple Association	Sawtimber Medium	7.9	96	51-80	N/A	Good stocking of mature trees but will leave the monitor treatment due to the lack of present regeneration and the difficulty regenerating northern hardwood stands. YOE 2016: Stand was thinned in 2018 on contract 028-16-01. The stand was previously thinned in 1988 on contract 08-87. High quality sugar maple stand.																																																												
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23	4111 - S.Maple, Hard Mast Association	Sawtimber Well	18.6	104	81-110	N/A	Some scale is now present on beech trees. YOE 2016: Stand was last thinned in 2002-03 on contract 028-01-01. Good quality hardwood stand with a high percentage of beech. No beech scale was found here. The stand has a fully stocked understory of beech regeneration.																																																												
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24	4136 - Aspen, Mixed Conifer	Sapling Well	3.3	21	Immature	N/A	YOE 2016: Stand was clearcut in 2003 on contract 028-01-01. All cedar, hemlock, yellow birch, and pine were retained. Fully stocked stand with mostly aspen and pockets of balsam fir.																																																												
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25	4319 - Mixed Upland Forest	Sapling Well	10.4	20	Immature	N/A	Stand was clearcut between 2003 and 2005 on contract 028-01-01. All cedar, hemlock, yellow birch, and pine were retained. Stand is fully stocked with mostly aspen and balsam fir.																																																												
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26	4130 - Aspen	Sapling Well	29.0	6	Immature	N/A	There was a grass opening the two track road went through half way up the stand. It is now filling in with aspen sprouts and other seedlings. YOE 2016: Stand was clearcut in 2018 on contract 033-16-01. A retention patch with good quality hardwood and aspen was retained in the center of the stand.																																																								
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27	4319 - Mixed Upland Forest	Sapling Well	19.1	31	81-110	N/A	Balsam fir has some larger diameter due to what was retained from the last harvest. Wind or snow damage to balsam tops. Harvest next inventory to promote age class diversity in the aspen. YOE 2016: Stand was clearcut in 1993 on contract 08-93-01; except all cedar, hemlock, pine, and beech were retained along with all balsam fir with less than two sticks. There is three distinct age classes 21 year old aspen and balsam fir, 40 to 50 year old balsam fir and maple, and 116 year old cedar. There is a patch of phragmites in the northern half of the stand.																																																								
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Sub-Canopy Species	Density	Avg. Height	Size																																																												
Black Spruce	Low	< 5 feet	Sapling																																																												
29	6233 - Wet Meadow	Nonstocked	0.9	0		No	This is a vernal pond with large ash trees on the transition. The ash trees have woodpecker activity resemblant to emerald ash borer larvae present.																																																								
30	6120 - Lowland Cedar	Poletimber Medium	227.7	104	51-80	N/A	Stand variable in quality. Poor quality along the road but improves with slight higher elevation areas. YOE 2016: Very poor quality cedar stand, with a high percentage of the stand having mostly sub-merchantable stems. There is some cedar regeneration in the open areas. The tamarack is dying out of the stand from the Eastern Larch Beetle, but there is not enough volume to try and salvage it. There is phragmites along the Hayward Lake Road, both sides.																																																								
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31	4136 - Aspen, Mixed Conifer	Poletimber Well	8.1	27	Immature	N/A	YOE 2016: Stand was clearcut in 1997 on contract 008-93-01. All cedar, hemlock, pine, and beech were retained. Fully stocked aspen stand.																																																																																	
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32	6120 - Lowland Cedar	Poletimber Well	7.8	106	81-110	N/A	Nice quality cedar on the west side and very poor quality on the east side.																																																																																	
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33	4115 - Y.Birch, Hemlock NH	Sawtimber Well	3.9	101	111-140	N/A	Mixed hardwood conifer stand. Large mature trees. Does not appear to have past management. Small stand with deer blind near corner and shooting lanes into stand. Most likely the property owner would not allow access to treat stand being he hunts it. YOE 2016: Good quality hardwood stand,																																																																																	
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34	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	46.2	101	51-80	N/A	This stand was thinned good last time with the basal area currently in the 80-90 range. Some beech regeneration but little of any other species. Selection thin stand next inventory cycle. YOE 2016: Stand was thinned between 2007 & 2009 on contract 032-06-01. Good quality hardwood with a dense layer of sedge. There is beech present, but I didn't find any beech scale.																																																																																	
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35	4111 - S.Maple, Hard Mast Association	Sawtimber Well	7.8	101	111-140	N/A	Beech scale is now noticeable on most of the beech trees. Most of the ash trees have woodpecker activity common to emerald ash borer larvae present. Stand has a higher basal area and with forest health issues, the stand should be thinned.YOE 2016: Stand was thinned in 2006-07 on contract 032-06-01. Good quality hardwood stand, that has a full understory of beech and balsam fir. There is also a lot of hemlock seedlings greater than 1 foot tall. There is beech present, but no scale is present.																																																																	
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36	4139 - Aspen, Mixed Deciduous	Sapling Poor	6.3	18	Immature	N/A	Aspen and balm are slowly filling in the open areas. Big wolffy maple and beech have large canopy per individual tree making aerial imagery look like alot more of those species.YOE2016: Stand was cut in 2006 on contract 032-06-01. Only the aspen and balm were cut. This stand has large wolffy sugar maple and beech with mostly grass understory except for patches of aspen and balm regeneration. Only about half of the stand is forested. There is beech present, but I didn't see any scale.																																																																	
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38	42330 - Upland Fir	Poletimber Well	4.6	51	Unspecified	N/A	YOE 2016: Fully stocked balsam fir and aspen stand.																																																																	
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39	622 - Lowland Shrub	Nonstocked	9.0	0		No	Some seedling starting to emerge. Monitoring treatment remain due to low amount at this time.YOE 2016: Stand was cut in 2019 on contract 033-16-01. All trees were cut; except hemlock and three retention patches. The retention patches are a mix of species but have more cedar volume.																																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
40	622 - Lowland Shrub	Nonstocked	9.6	0	Unspecified	No	Some regeneration started but not enough to remove the Monitoring treatment at this time.																																										
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41	4110 - Sugar Maple Association	Sawtimber Well	22.5	86	111-140	N/A	Northern hardwood stand that is ready for a selection thinning. Beech scale is noticeable in the stand as well as ash trees with increased woodpecker activity indicating emerald ash borer presence.																																										
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42	6120 - Lowland Cedar	Poletimber Well	13.7	120	141-170	N/A	YOE 2016: Low quality cedar stand with some lowland hardwoods within it.																																										
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43	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	52.4	120	1-50	N/A	Stand being of lowland conifer is slow to regenerate. Some aspen and balm sprouts. Tamarack seedlings can be seen in areas as well reaching 8' tall. Balsam fir seedling scattered throughout. Residual trees in the canopy layer.																																										
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44	4134 - Aspen, Spruce/Fir	Poletimber Well	10.2	45	81-110	N/A	This stand was cut in the time frame of 1976-79 on contract 21-76A.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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45	429 - Mixed Upland Conifers	Poletimber Well	10.2	86	51-80	N/A	This is a diverse upland mix. Some pockets of lowland along the northern edge. YOE 2016: Stand was cut in 1995 on contract 017-93-01. All trees were cut, except cedar, hemlock, pine, and beech. The overstory is only partially stocked, but the understory is fully stocked.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		15	Pole	8		Balsam Fir		Full	Variable	Sapling
Hemlock		10	Log/Pole	10		Balsam Poplar		Medium	10 - 20 feet	Sapling
Bigtooth Aspen		10	Pole	8		Green Ash		Medium	Variable	Sapling
Balsam Fir		25	Pole	8		Aspen (spp.)		Medium	10 - 20 feet	Sapling
Balsam Poplar		5	Pole	6		White Pine		Low	< 5 feet	Sapling
White Pine		25	Log/Pole	10	86					
Red Maple		5	Pole	8						
Quaking Aspen		5	Pole	6						

46	42360 - Upland Cedar	Sawtimber Well	2.7	120	141-170	N/A	YOE 2016: High quality upland cedar stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		5	Log	12		Balsam Fir		Low	10 - 20 feet	Sapling
Quaking Aspen		3	Log	14						
Red Maple		5	Log	14						
Yellow Birch		5	Log	12						
Northern White Cedar		80	Log/Pole	12	120					
White Pine		2	XLog/Log	18						

47	4130 - Aspen	Sapling Well	7.2	6	Immature	N/A	Aspen and balm sprouting has pretty much filled the stand. Some balsam fir and other species mixed in. YOE 2016: This stand was clearcut in 2019 on contract 33-029-16. The cedar and apple trees were retained.
Canopy Species		% Cover	Size Class	DBH	Age		
Black Cherry		10	Sapling	1	6		
Quaking Aspen		70	Sapling	2	6		
Balsam Poplar		10	Sapling	2			
Northern White Cedar		10	Log	12	120		

48	4136 - Aspen, Mixed Conifer	Sapling Well	12.1	17	Immature	N/A	This stand has a larger diameter than the adjacent aspen stand to the west. YOE 2016: Stand was clearcut in the winter of 2006-07 on contract 030-06-01. All of the cedar was retained. Very thick - good quality aspen.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir		5	Pole	7	60	Balsam Fir		Medium	< 5 feet	Sapling
Northern White Cedar		13	Log/Pole	10	120	Tamarack		Low	< 5 feet	Sapling
Tamarack		2	Log/Pole	10	70	White Spruce		Low	< 5 feet	Sapling
Balsam Poplar		10	Sapling	4						
Quaking Aspen		60	Sapling	4	17					
Red Maple		8	Sapling	4	17					
Beech		2	Sapling	4	17					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
49	4130 - Aspen	Sapling Well	6.6	6	Immature	N/A	Stand is regenerating well. Canopy closure closer to 80% due to the southeast portion is lowland with some balm, tag and conifer present but too wet for aspen. YOE 2016: Stand was clearcut in 2019 on contract 033-16-01. This stand had the tops chipped during the timber sale. Stand will regenerate with aspen.																																																			
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50	3105 - Mixed Upland Herbaceous	Nonstocked	3.7		Unspecified	No	Grass opening that has some aspen, balsam, spruce encroaching. Apple trees are dying off. YOE 2016: There are about 12 apples trees in this opening, they could use a pruning. WLD: no work has been done here in the last decade																																																			
51	4130 - Aspen	Poletimber Well	6.8	56	51-80	N/A	Terrain is more of a rolling upland with lowland areas containing ash and balm. Stand is mature with mortality of some trees. Cedar is present in a small dense patch and scattered in the northeast portion. No deer tracks observed. Adjacent stand to the east has windthrown cedar in the retention patch. YOE 2016: Hold aspen stand for ten years and cut when hardwood stand to the west is cut.																																																			
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52	4130 - Aspen	Sapling Medium	3.6	6	Immature	N/A	Stand has dense areas of regeneration with open areas around the perimeter. Conifer seedlings in the open areas but canopy at 60-70% at this point. Most likely will fill in by next inventory cycle. YOE 2016: This stand was clearcut in 2019 on contract 33-029-16. The stand is regenerating with aspen.																																																			
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Quaking Aspen	75	Sapling	2	6																																																						
53	6115 - Lowland Ash	Sapling Poor	15.7	94	1-50	N/A	Retention from the treatment is noted in the canopy layer. Some regeneration from ash and maple sprouts are present but at a low rate. Conifer seedlings are present but cattails are the most visible. YOE 2016: The stand was cut in 2019 on contract 33-029-16. All of the sub-merchantable ash was retained. This stand is still about half stocked with sub-merchantable ash. Some aspen, balm, and spruce/fir will fill in the more open areas.																																																			
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54	622 - Lowland Shrub	Nonstocked	25.6	0	Unspecified	No	There is a mix of small seedling present. Most visible are 2' tall balsam on slight raise in elevation. Cattails with tag alder and phragmites most visible. YOE 2016: Stand was clearcut in 2019 on contract 033-16-01. There were six retention patches retained. These patches were the areas with the best cedar within the stand.																																																			
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55	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	3.4	86	81-110	N/A	A smaller northern hardwood stand that was just thinned.																																																													
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56	3302 - Low Density Conifer Trees	Nonstocked	7.6	0	Unspecified	No	There is a low density of residual trees (hemlock, white pine, cedar and yellow birch) from the treatment. Balm sprouts and conifer seedlings present.																																																													
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57	4139 - Aspen, Mixed Deciduous	Poletimber Well	27.9	37	51-80	N/A	Upland with lowland areas containing the ash, balm and tag alder.																																																													
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58	4319 - Mixed Upland Forest	Poletimber Poor	34.0	101	1-50	N/A	Residual trees are variable in size and distribution. Beech and maples mostly up to 4". Cedar and hemlock large and mature.																																																													
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59	6120 - Lowland Cedar	Poletimber Poor	6.5	122	1-50	N/A	YOE 2016: Stand was cut in 1995 on contract 017-93-01. All species were cut, except cedar, hemlock, pine, and beech. Very low quality stand that didn't regenerate very well following the last harvest. I think the drainage patterns have been affected by the county roads.																																																													
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60	622 - Lowland Shrub	Nonstocked	28.4	0	Unspecified	No	Areas of balm and ash saplings, small conifer seedlings present. A couple patches of phragmites along the southeastern line. YOE 2016: Stand was clearcut in 2019 on contract 033-16-01. There were two retention patches retained. These patches had dense cedar. The stand will regenerate to a mix of lowland hardwoods and conifers.																																																																		
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61	6120 - Lowland Cedar	Poletimber Well	9.6	104	51-80	N/A	Stand was treated in 2005 by the Schuster Lane 33-029-01 timber sale. Retained species were cedar, hemlock, spruce and pine.																																																																		
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62	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	18.4	101	51-80	N/A	Stand is doing well. Low level of beech scale remain. A low amount of regeneration taking place. YOE 2016: Stand was thinned in 2019 on contract 33-029-16. This stand was previously thinned in 1979 and then again in 2002 on contract 027-01-01. Beech scale was found in the stand while marking it in 2016, most of the beech was marked to cut. Some was retained to provide mast though. There is a dense understory of beech regeneration following the last harvest.																																																																		
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63	6118 - Lowland Deciduous with Cedar	Sapling Well	5.5	18	1-50	N/A	Stand was treated in 2006 by the Schuster Lane 33-029-01 timber sale. All trees were cut except cedar, hemlock and pine. Cedar has been windthrown with sapling size trees emerging through this. Trace of hemlock and pine.																																																																		
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64	622 - Lowland Shrub	Nonstocked	43.6	0	Unspecified	No	Cattails and tag alder are most visible with small seedlings present. Balsam and spruce up to 4'tall can be seen. YOE 2016: Stand was clearcut in 2019 on contract 033-16-01. There were four retention patches retained. The stand will regenerate to a mix of lowland hardwoods and spruce/fir.																																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
65	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	5.8	115	141-170	N/A	Mature lowland hardwood stand with a drain flowing through the center of it.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Ash		15	Pole	6		White Spruce	
Northern White Cedar		25	Log/Pole	12	115	Balsam Fir	
Balsam Fir		10	Pole	9			
Hemlock		25	Log	14			
Green Ash		15	Pole/Log	8			
Yellow Birch		10	Log/Pole	12			
66	6120 - Lowland Cedar	Poletimber Well	67.7	122	141-170	N/A	YOE 2016: Overall low quality cedar with some tamarack.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Tamarack		10	Pole	8		Balsam Fir	
Northern White Cedar		90	Pole	8	122		
67	4110 - Sugar Maple Association	Sawtimber Medium	14.1	101	51-80	N/A	Stand looking good. Some beech regeneration. Trace of hemlock, cedar and red maple. YOE 2016: Treated by the Pony Express Hardwood timber sale 33-032-16 Stand was last thinned in 1993 to 95 on contract 050-92-01. Good quality hardwood stand with a dense understory of beech regeneration. There is beech present, but there is beech scale present. trace hemlock
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Basswood		5	Log	12		Beech	
Sugar Maple		85	Log	10	101	Balsam Fir	
Beech		10	Log	12		Ironwood	
68	622 - Lowland Shrub	Nonstocked	3.6	0	Unspecified	No	YOE 2016: Stand was clearcut in 2019 on contract 033-16-01. The cedar was retained. Stand should regenerate to a mix of lowland hardwoods and spruce/fir.
Sub-Canopy Species		Density	Avg. Height	Size			
Northern White Cedar		Low	>20 feet	Pole			
69	4112 - Maple, Beech, Cherry Association	Sawtimber Well	4.3	94	111-140	N/A	Northern portion of stand has a higher basal area and some maple have dead tops forming. This stand would use a light thinning while removing trees with dead tops. Leave the southern aspen area out of the thinning. YOE 2016: Stand was thinned in 2006 on contract 029-01-01.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Ash		5	Log	12		Aspen (spp.)	
Sugar Maple		65	Log/Pole	10	94	Beech	
Paper Birch		5	Log/Pole	10		Sugar Maple	
Basswood		5	Log	12		Balsam Fir	
Red Maple		15	Log/Pole	10			
Hemlock		5	Log	16			
70	4130 - Aspen	Sapling Medium	4.0	6	Immature	N/A	YOE 2016: Stand was clearcut in 2019 on contract 33-029-16. The cedar was retained.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Northern White Cedar		10	Log	13	120	Beech	
Quaking Aspen		85	Sapling	2	6		
Balsam Fir		5	Sapling	3			



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71	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	4.9	98	1-50	N/A	The canopy is residual trees with hemlock, cedar, pine and balsam fir seedlings on the forest floor. YOE 2016: Stand was treated by the Pony Express Hardwood timber sale. Stand was thinned in 2000 on contract 055-96-01. This stand contains mostly low quality hardwood that should be regenerated.																																																			
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72	6224 - Treed Bog	Nonstocked	68.8		Unspecified	No	Black spruce bog with low density spruce trees and scattered white pine.																																																			
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73	6118 - Lowland Deciduous with Cedar	Sapling Poor	7.0	15	Immature	N/A	The southeast quarter of stand has good cedar regeneration that has not been browsed on at this point. The rest of the stand has a mix of regeneration but has open areas. YOE 2016: Stand was treated by the Pony Express Hardwood timber sale. Stand was cut in 1994 on contract 050-92-01. I am not sure what has occurred, but most of the residual has died or the tops have significant die back. There is some beech and balsam fir regenerating, but overall the stand is open. There is some phragmites in this stand.																																																			
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74	3105 - Mixed Upland Herbaceous	Nonstocked	3.4		Unspecified	No	Grass opening that is filling in with aspen, balsam, maple, pine and spruce. WLD: no work has been done here in the last decade																																																			
75	4115 - Y.Birch, Hemlock NH	Sawtimber Medium	16.9	104	1-50	N/A	There are some trees that have been windthrown in the center and northeast part of stand since the treatment. Stump sprouts have been browsed on with conifer seedlings present. YOE 2016: Stand was treated by the Pony Express Hardwood timber sale. Stand was thinned in 2000-01 on contract 055-96-01. This stand contains mostly low quality hardwood that should be regenerated, but there is a few acre area of higher quality maple in the north part of the stand.																																																			
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76	4319 - Mixed Upland Forest	Sapling Well	6.2	29	Immature	N/A	There is advance regeneration that was retained during the treatment. The harvesting rows have sapling and seedlings present.																																																	
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77	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Poor	20.9	117	1-50	N/A	Canopy are the trees that were retained during the treatment. Some regeneration but cattails and some phragmites is the most visible.																																																	
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78	42350 - Upland Hemlock	Sawtimber Medium	11.4	117	1-50	N/A	There are small hemlock seedlings less than 1" tall that are numerous in the skid trails. White pine seedlings up to a foot tall scattered.																																																	
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79	42200 - Natural White Pine	Sapling Well	9.2	18	Immature	N/A	Advanced regeneration has been released from the canopy by the treatment. The operational trails are filling in with seedlings. A small area that remains open but small seedlings are establishing and will fill the area in a few years.																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
80	6130 - Fir, Aspen, Maple	Poletimber Well	6.0	49	81-110	N/A	<p>These strips were cut in 1976 under contract 7-76. Trees are tall and smaller diameter. Balsam tops are snapped off. Spruce Budworm also in the area. Good distribution of aspen and balm. Treat stand due to the decline and damage in balsam, also with age at 49 the aspen and balm are mature for harvest. Good sprouting is expected. Cedar in adjacent stand, remove in this stand to promote maximum aspen regeneration due to small size of the strips.</p> <p>YOE 2016: Fully stocked stand of aspen and balsam fir.</p>				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Quaking Aspen		15	Pole	8	49	Balsam Fir		Medium	10 - 20 feet	Sapling	
Balsam Poplar		20	Pole	8							
Balsam Fir		40	Pole/Sapling	6	49						
Paper Birch		10	Pole/Sapling	6							
Green Ash		5	Pole	7							
White Spruce		5	Pole	8							
Red Maple		5	Pole	8							
81	4130 - Aspen	Sapling Well	10.9	17	Immature	N/A	<p>YOE 2016: Stand was clearcut in 2006-07 on contract 030-06-01. Most of the stand has regenerated to aspen, but the more open areas are filling in with balsam fir and white pine. There are some scattered residual trees.</p>				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Balsam Poplar		5	Sapling	3		White Pine		Low	< 5 feet	Sapling	
Black Cherry		5	Sapling	3		Ironwood		Low	< 5 feet	Sapling	
Quaking Aspen		75	Sapling	3	17						
Balsam Fir		15	Sapling	3							
82	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	23.4	104	1-50	N/A	<p>YOE 2016: Stand was treated by the Pony Express Hardwood timber sale.</p> <p>Stand was thinned in 2000-01 on contract 055-96-01. The stand is a mix of lowland ash with ridges of red maple. The stand does not contain enough high quality stems to thin anymore. There is phragmites in the center of this stand.</p>				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		10	Sapling/Pole	4		Balsam Fir		Medium	< 5 feet	Sapling	
Northern White Cedar		20	Pole/Log	8		White Spruce		Low	5 - 10 feet	Sapling	
Hemlock		50	Pole/Log	9	104						
83	4136 - Aspen, Mixed Conifer	Sapling Well	11.4	17	Immature	N/A	<p>YOE 2016: Stand was clearcut in 2006-07 on contract 030-06-01. Fully stocked aspen stand with a fair amount of advanced conifer regeneration.</p>				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Beech		5	Sapling/Pole	4	40	Tag Alder		Low	5 - 10 feet	Tall Shrub	
Quaking Aspen		60	Sapling	4	17						
White Spruce		5	Sapling	4	17						
Tamarack		5	Sapling	1	17						
Bigtooth Aspen		5	Sapling	4							
Balsam Fir		10	Sapling	4	30						
White Pine		10	Sapling	4	30						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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84	6118 - Lowland Deciduous with Cedar	Sapling Well	19.3	29	Immature	N/A	YOE 2016: Stand was cut in 1995 on contract 036-92-01. All trees were cut; except cedar, hemlock, pine, and spruce. Some of these trees were marked to cut. A high percentage of the residual cedar has blown over. The open areas have regenerated to aspen/balm, the areas with partial shade are filling in with balsam fir, and the areas with dense cedar do not have any regeneration.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Quaking Aspen	20	Sapling	4			Beech	Low	5 - 10 feet	Sapling
	Paper Birch	10	Sapling/Pole	4	29		Balsam Fir	Medium	5 - 10 feet	Sapling
	Balsam Poplar	30	Sapling/Pole	4	29		Tamarack	Low	5 - 10 feet	Sapling
	Balsam Fir	15	Sapling/Pole	4	29					
	Green Ash	5	Sapling/Pole	4	29					
	Northern White Cedar	20	Log	12	115					

85	6132 - Mixed Lowland Forest with Cedar	Sapling Well	15.0	19	Immature	N/A	YOE 2016: Stand was cut in 1995 on contract 036-92-01. All species were cut; except cedar, hemlock, pine, and spruce - some of these trees were marked to cut. This stand has not fully regenerated, there is a dense sedge/grass mat. There is a large patch of Phragmites on the East side of the stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Northern White Cedar	20	Log	13	115		Willow spp.	Low	< 5 feet	Tall Shrub
	White Pine	10	Pole/Sapling	6	29		Tag Alder	Low	5 - 10 feet	Tall Shrub
	Paper Birch	10	Sapling	4	19					
	Green Ash	5	Sapling/Pole	4						
	Balsam Fir	15	Sapling	4	19					
	Quaking Aspen	10	Sapling	4						
	Balsam Poplar	30	Sapling	4	19					

86	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	25.7	33	Immature	N/A	Most of the stand is lowland with areas of upland containing the aspen, balsam, maple and trace of pine. Areas up upland that would have supported the spruce planting have balsam and pine seedlings filling in the open areas. No need to keep the FTP to plant. YOE 2016: Stand was clearcut in 1991 on contract 019-86-01. This stand is on FTP 33-590 to hand plant white spruce. The FTP was sent in, in 2005, but has not been planted. Now there is only about 10 acres that are open that need to be planted.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Quaking Aspen	15	Pole/Sapling	6			Tag Alder	High	5 - 10 feet	Tall Shrub
	Red Maple	5	Pole/Sapling	6			White Spruce	Medium	< 5 feet	Sapling
	Balsam Poplar	10	Pole/Sapling	6			Balsam Fir	Medium	< 5 feet	Sapling
	Balsam Fir	20	Pole/Sapling	5	33					
	Green Ash	35	Sapling	4	33					
	Black Ash	5	Sapling	3						

87	4134 - Aspen, Spruce/Fir	Poletimber Well	53.7	33	Immature	N/A	Stand is maturing well with no visible forest health issues. YOE 2016: Stand was clearcut in 1991 on contract 019-86-01. Fully stocked aspen stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Bigtooth Aspen	15	Pole/Sapling	6			Balsam Fir	High	5 - 10 feet	Sapling
	Balsam Poplar	5	Pole/Sapling	6			White Spruce	Medium	5 - 10 feet	Sapling
	Balsam Fir	15	Sapling/Pole	4			White Pine	Low	Variable	Sapling
	Quaking Aspen	60	Pole/Sapling	6	33		Tag Alder	Low	5 - 10 feet	Tall Shrub
	White Spruce	5	Sapling/Pole	4						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
88	42330 - Upland Fir	Sapling Medium	20.7	33	Immature	N/A	Open areas are naturally seeding in creating an uneven age to stand. No need for planting treatment. The upland area that would support the spruce is filling in with balsam and pine seedlings.																																																																
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89	6112 - Lowland Aspen	Poletimber Poor	12.5	33	Immature	N/A	The south end of stand is lowland shrub with some white pine. Ash and balm saplings are noticeable with trace amounts of white pine, spruce and tamarack.																																																																
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90	6120 - Lowland Cedar	Poletimber Well	9.3	115	Unspecified	N/A	Cedar swamp.																																																																
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91	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	19.1	115	111-140	N/A	This cedar stand had strips cut out in 1965. These strips have regenerated to paper birch, balsam fir, red maple, balsam poplar, black and green ash are the most noticeable. Larger maple, ash, and birch overtop the cedar making the cedar less noticeable from most of the imagery.																																																																
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92	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	22.2	72	81-110	N/A	Strips had been cut out of the stand to the east and may extend into this stand creating a variable size and age in areas of this stand. There is large red maple and aspen that are overmature along with larger diameter black and green ash. It appears that EAB might just be starting in this stand. Woodpecker activity only on a few trees at this time. Looking at the imagery, Fowler Creek flows into the southwest portion of the stand across the bottom and out the southeast. Buffer this portion of the stand from treatment.																																																																		
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93	622 - Lowland Shrub	Nonstocked	27.2	0	Unspecified	No	Cattails with some tag alder. Tamarack seedlings are up to 6' tall with good distribution. scattered balsam and spruce not as populated, overall good start but will leave monitor treatment on to check again next inventory. YOE 2016: Stand was clearcut in 2018 on contract 028-16-01. The stand was a mix of tamarack and low quality cedar. This stand was approved via a chapter 7 request in May of 2016, because the eastern larch beetle had caused a significant amount of tamarack mortality and defoliation.																																																																		
94	3301 - Low Density Deciduous Trees	Nonstocked	4.6		Unspecified	No	Conifer seedlings becoming noticeable. Some balsam 4-5' tall scattered patches. not far enough along to remove monitor but regeneration taking place. Two retention patches and scattered mature hemlock. The retention patches are a mix of species where smaller trees windthrown with larger trees still standing. YOE 2016: Stand was clearcut in 2018 on contract 028-16-01. The stand was a mix of red maple, ash, spruce/fir, cedar, and hemlock. This stand was approved via a chapter 7 request in May of 2016, because the eastern larch beetle had caused a significant amount of tamarack mortality and defoliation in the adjacent lowland stand and this stand was going to be the landing area.																																																																		
95	4136 - Aspen, Mixed Conifer	Sawtimber Well	10.9	37	81-110	N/A	This stand was delineated out of the larger stand to the east. Most of the ground here is of higher elevation than to the north and east with noticeably larger tree diameters. Treating this stand earlier will provide diversity in the aspen age class. Trace amounts of birch, cedar, cherry and spruce. The east two thirds of this stand was clearcut in 1987 on contract 066-85-01 leaving hemlock, pine and some other marked trees.																																																																		
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96	122 - Road/Parking Lot	Nonstocked	4.5	0	Unspecified	No	This is Hayward Lake Road Right Of Way maintained by the Menominee County Road Commission.																																																						
97	4134 - Aspen, Spruce/Fir	Sapling Poor	3.4	4	Immature	N/A	Upland portion of the parent stand that was treated by timber sale. Good regeneration in pockets but poor overall on the hill. Leaving monitor treatment on from parent stand to check this area next inventory for progression. YOE 2016: Stand was clearcut in 2017 and 18 on contract 028-16-01.																																																						
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98	6120 - Lowland Cedar	Poletimber Well	6.3	104	81-110	N/A	YOE 2016: Swamp cedar stand with about 15% of the stand being upland with the ridge extending onto private property. Cedar with a mix of other species. This was part of the parent stand that was cut to the west due to forest health reasons.																																																						
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100	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	10.7	101	51-80	N/A	This stand was separated from stand 67. Beech was in high concentration before treatment. There are areas more open with some beech retained having small spots of BBD scale. YOE 2016: Treated by the Pony Express Hardwood timber sale 33-032-16 Stand was last thinned in 1993 to 95 on contract 050-92-01. Good quality hardwood stand with a dense understory of beech regeneration. There is beech present, but there is beech scale present. trace hemlock																																																						
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