



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42135

Entry Year 2025

Acreage: 3,025

County Luce

Management Area: St. Ignace Lake Plain

Stand Examiner: Lester Livermore

Legal Description:

T45N R8W Sections 32, 33, 34, 35 & 36

Identified Planning Goals:

Maintain or improve the forest health, productivity, and diversity of the area through proper management. Timber management, wildlife habitat, and recreational opportunities such as hunting are the main uses of the compartment.

Soil and topography:

The compartment is situated on the southern edge of the Sage River swamp complex and is comprised of a mix of upland and lowland types. The topography in the upland areas is level to rolling. There is one steep, rocky escarpment along the Sage Truck Trail through Section 35. Soils typical of the upland areas include Wallace, Paquin, Liminga, and Alcona sands. Along the steep ridge is a rocky complex of Amadon-Longrie soil. The forest cover types on the upland soils are primarily northern hardwoods and aspen. The lowland, swamp areas are level and are comprised of wet soils such as Carbondale, Lupton, and Tawas Mucks along with Hendrie Mucky Peat. Forest cover types on these lowland soils include cedar, swamp conifers, and some lowland aspen.

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

Contiguous state ownership within the compartment, with the exception of a privately owned 80 acre parcel located in Section 36. The compartment is bounded by state land on all sides. Since the compartment is primarily state land along with the surrounding land base, development in and around the compartment is almost non-existent. Land use in the compartment entails various forms of outdoor recreation including hunting, fishing, wildlife viewing and hiking. Timber production also is a major use of the compartment.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

The compartment is primarily one large, continuous block of state land. The wildlife habitat lends itself to high use for various types of hunting in the compartment. Management decisions should promote and enhance characteristics such as age class diversity and species diversity to sustain these recreational opportunities in the compartment. Any management activity near the Sage River should follow BMP guidelines.

Watershed and Fisheries Considerations:

ELSMU-Cory Kovacs

This compartment contains forks of the East Branch Sage River. These streams are not designated trout streams. Predicated mean July temperature for the East Branch Sage River is 62.2°F. Fisheries surveys in 2012 at various locations along these forks found brook trout scattered. Similar to the Hendrie River drainage, these forks are "marginal" brook trout habitat and should be protected. They still provide spawning and nursery areas for brook trout, as well as other fish species. In riparian areas along the streams susceptible to aspen regeneration, 300-ft buffers are recommended. For areas not susceptible to aspen regeneration, 100-ft plus 5-ft per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This large compartment is located in the Seney Sand Lake Plain ecological sub-subsection. It is also within the Hulbert Sage River Deer Wintering Complex and supports high numbers of deer during demanding winter periods. This compartment is relatively diverse in plant community composition with aspen and upland hardwoods dominating. A significant portion of the compartment is occupied by lowland conifers which is consistent with pre-settlement data although the upland hardwood component has likely increased in the current day landscape.

Conifer canopies should not be disturbed in this compartment to maintain the wildlife values of those stands. No hemlock

or cedar should be harvested to retain thermal cover within stands for wintering deer. Forested corridors should be maintained to facilitate ease of movement between upland and lowland areas. Buffer zones along streams and rivers should be sustained to preserve travel corridors and wetland wildlife values and habitats. Wildlife objectives will be achieved by the retention of conifers, hard and soft mast producing trees, wildlife den and nest trees and snags in hardwoods stands and the preservation of conifer components of aspen stands. In addition, harvests should occur during winter months and tops should not be chipped to provide a food source for wintering deer. Wildlife featured species in this management area include woodcock, blackburnian warbler, black bear, American marten, red crossbill, snowshoe hare and ruffed, spruce and sharp-tailed grouse, woodthrush, white-tailed deer and black backed woodpecker.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for metallic minerals in this area. The nearest known active sand/gravel pit is the State-owned Dollar Lake Pit, three miles south of the compartment, which is currently leased to the Mackinac County Road Commission. Bedrock is at or near the surface within the compartment. Potential for sand & gravel within the compartment appears limited, but there is potential for production of high-purity limestone, particularly in Sec 35. The Hendricks Quarry, currently owned by Graymont, has produced chemical/industrial grade limestone. No current State mineral leasing activity exists in the area.

Vehicle Access:

Primary vehicle access to the compartment is via the Dinkey Line Road through Mackinac County from the south of the compartment boundary. From the Dinkey Line, the Kneeland Bigelow Road and the Sage Truck Trail enter the compartment with the Sage Truck Trail providing the main access to most of the compartment. The Hendricks Quarry Truck Trail enters the very western portion of the compartment. There are several two track roads scattered within the compartment.

Survey Needs:

None

Recreational Facilities and Opportunities:

There are no developed recreational facilities within the compartment. Recreational opportunities would include hunting, fishing, hiking, berry picking, and wildlife viewing.

Fire Protection:

Potential for large fire runs would be low, because of swamp conifers and upland hardwood types in this compartment. Heavy equipment access may be marginal in some areas for suppression activities. Wildfire risk to private properties would be low.

Additional Compartment Information:

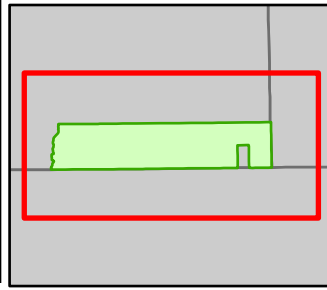
The following reports from the Inventory are attached:

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

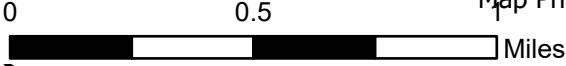
The following information is displayed, where pertinent, on the attached compartment maps:

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

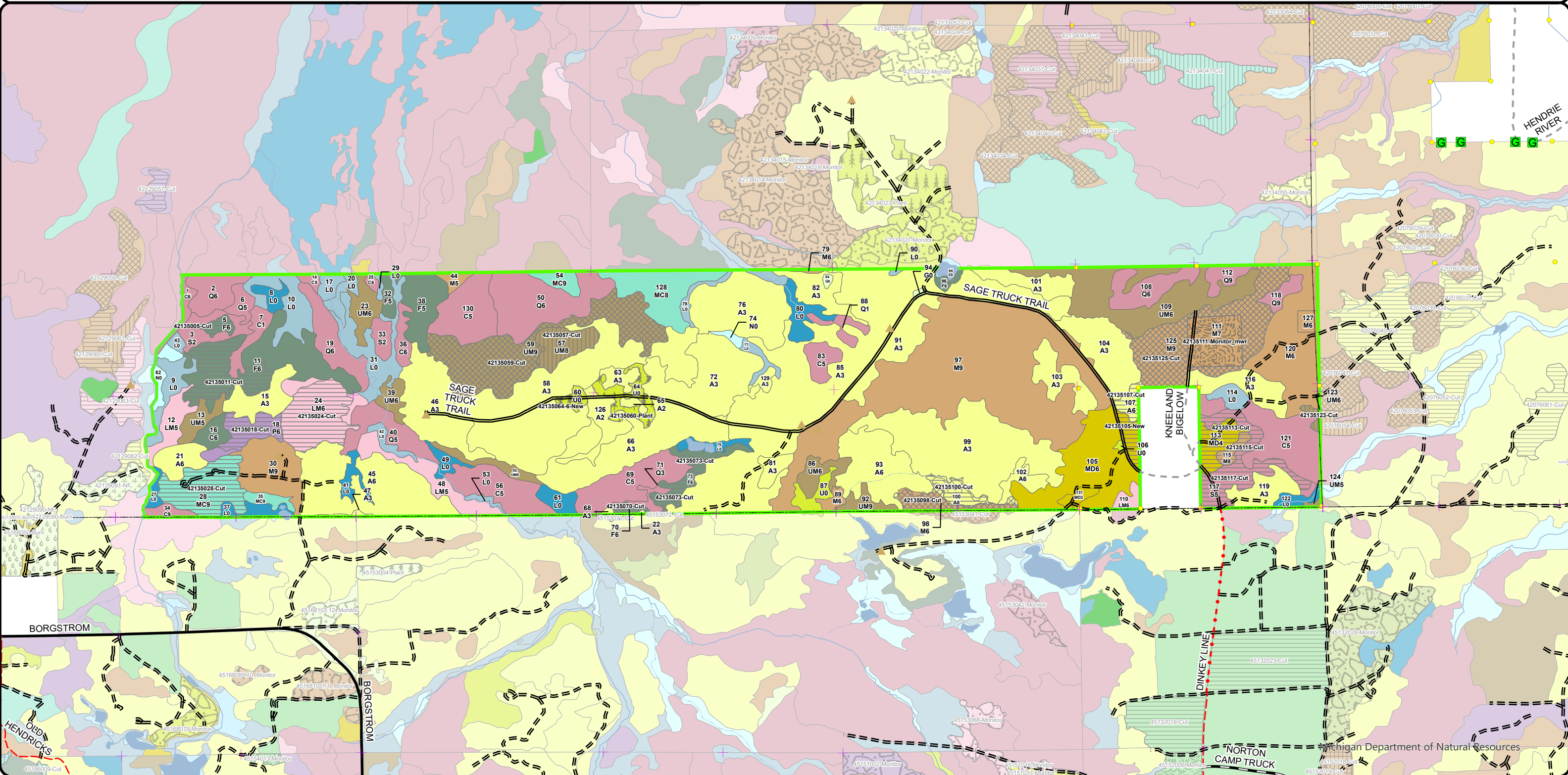
Cover Type & Treatments Map



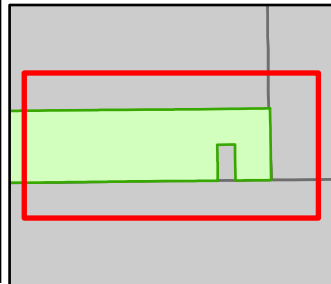
Compartment: 42135
 T45N R8W Sections 32, 33, 34,
 35 & 36
 County: Luce
 Unit: Newberry
 Mgmt Area: St. Ignace Lake
 Plain
 YOE: 2025
 Acres: 3024.7 GIS Calculated
 Examiner: Lester Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps



- ▲ Berms
- Gate
- Survey Grade Corners
- + Remonumented Section Corners
- 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
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Counties
- ▨ Selection (Group, Single Tree)
- ▧ Planting (Tree Species)
- ▩ Clearcut (w/Reserves)
- ▨ Shelter Wood (w/Reserves)
- ▧ Monitoring
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
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- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland



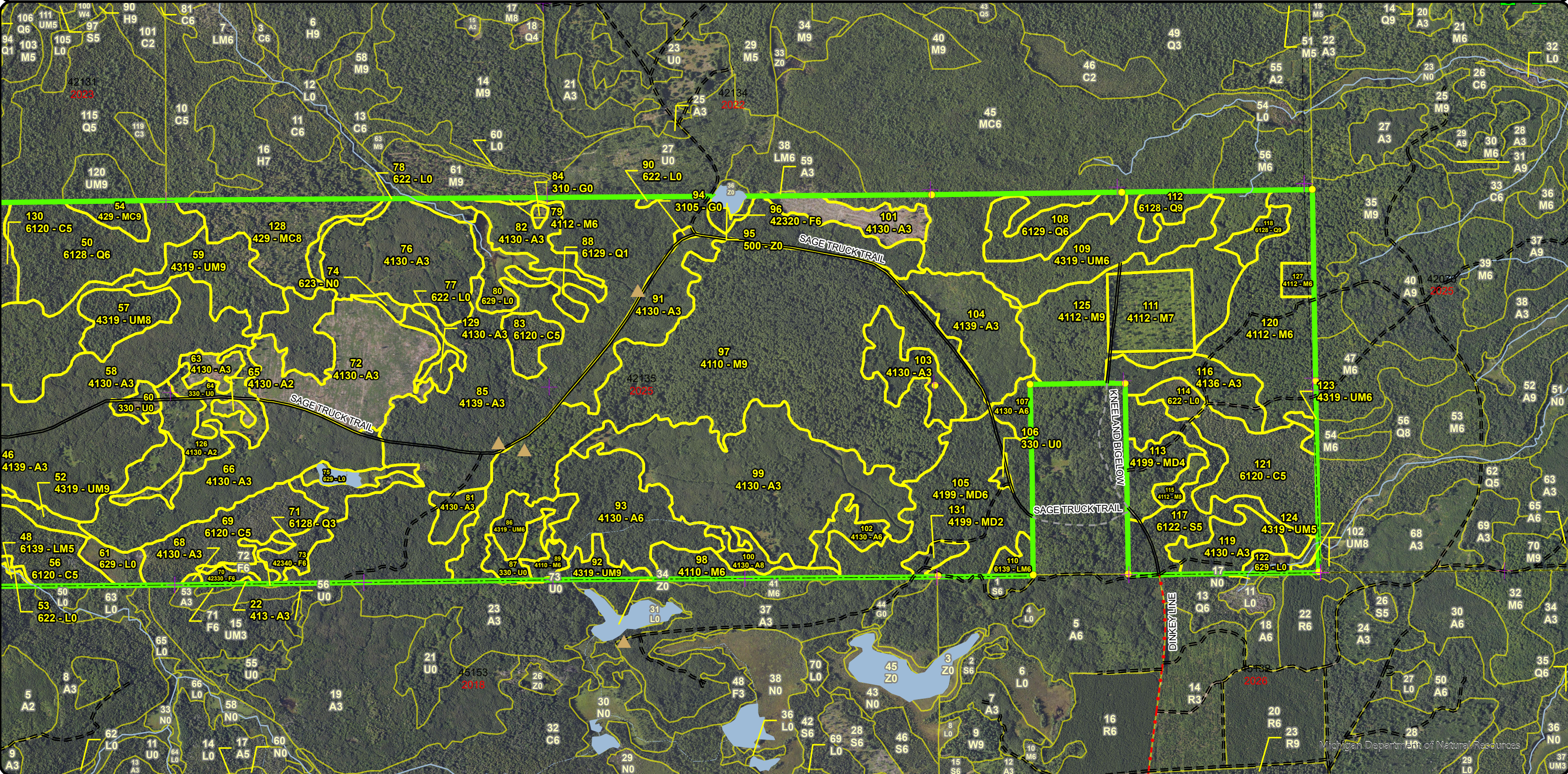
Stand Boundary Map



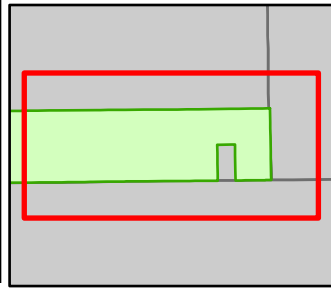
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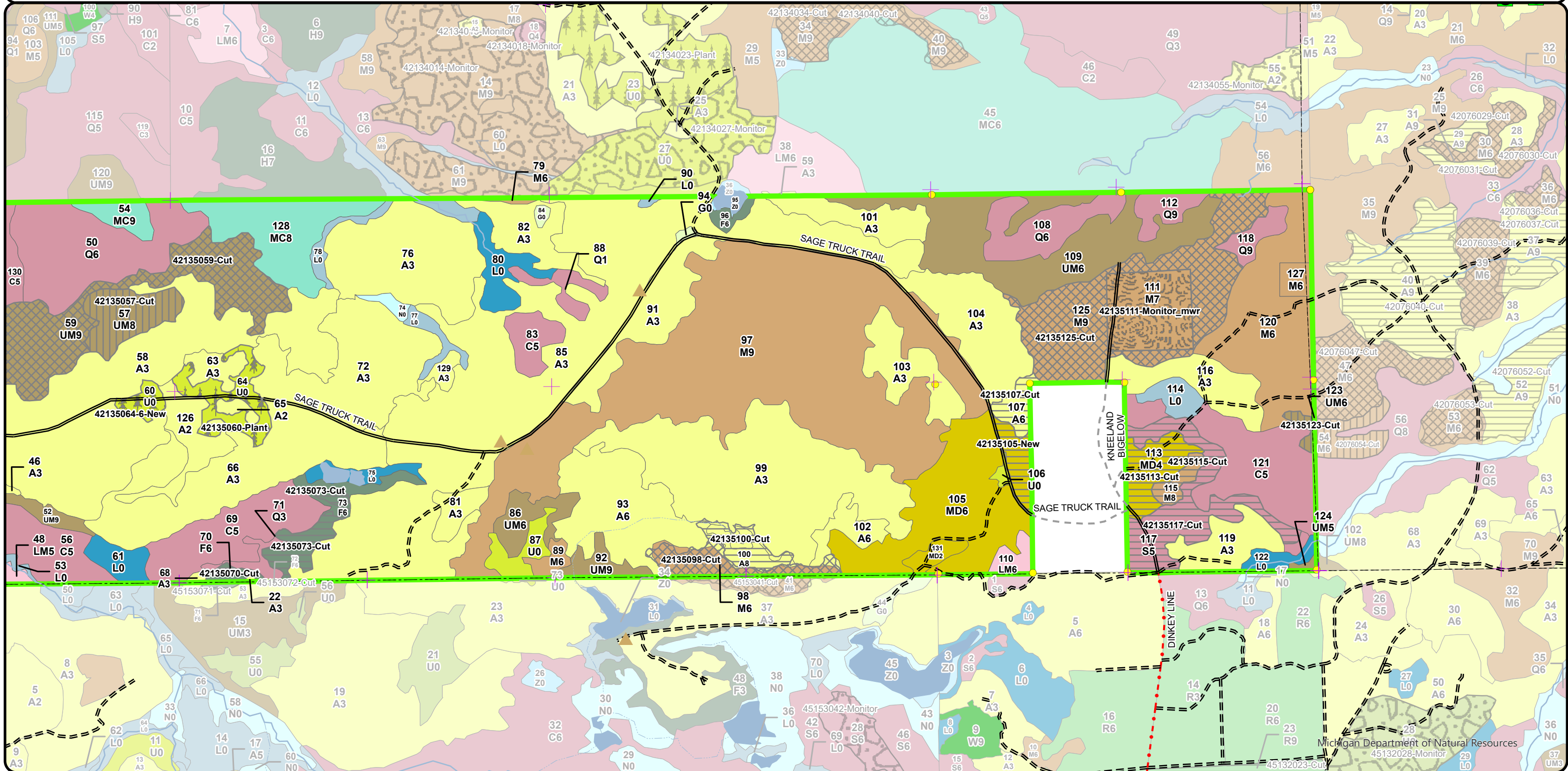


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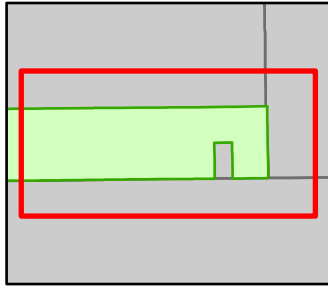
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Special Conservation Areas & Site Conditions Map

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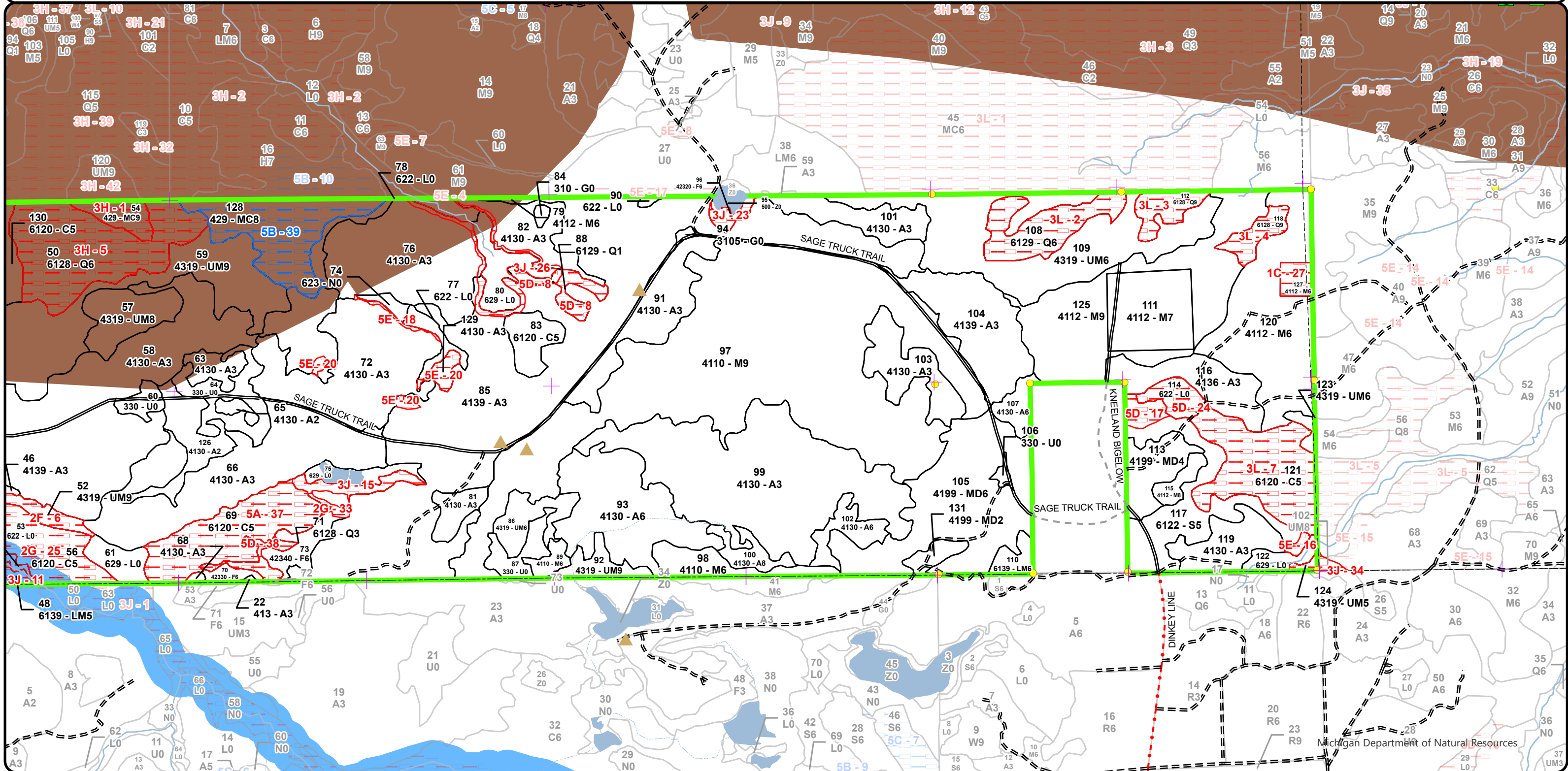
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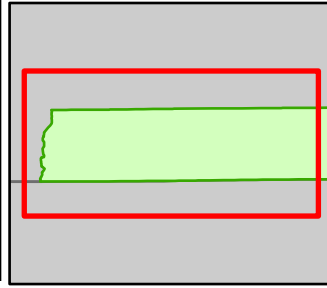
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- Available w/ Constraints
- Unavailable
- 5B: Maintain for regeneration purposes
- 1C: Other dept or div proc/practices
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)

- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5A: Not able to obtain desirable regeneration
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range



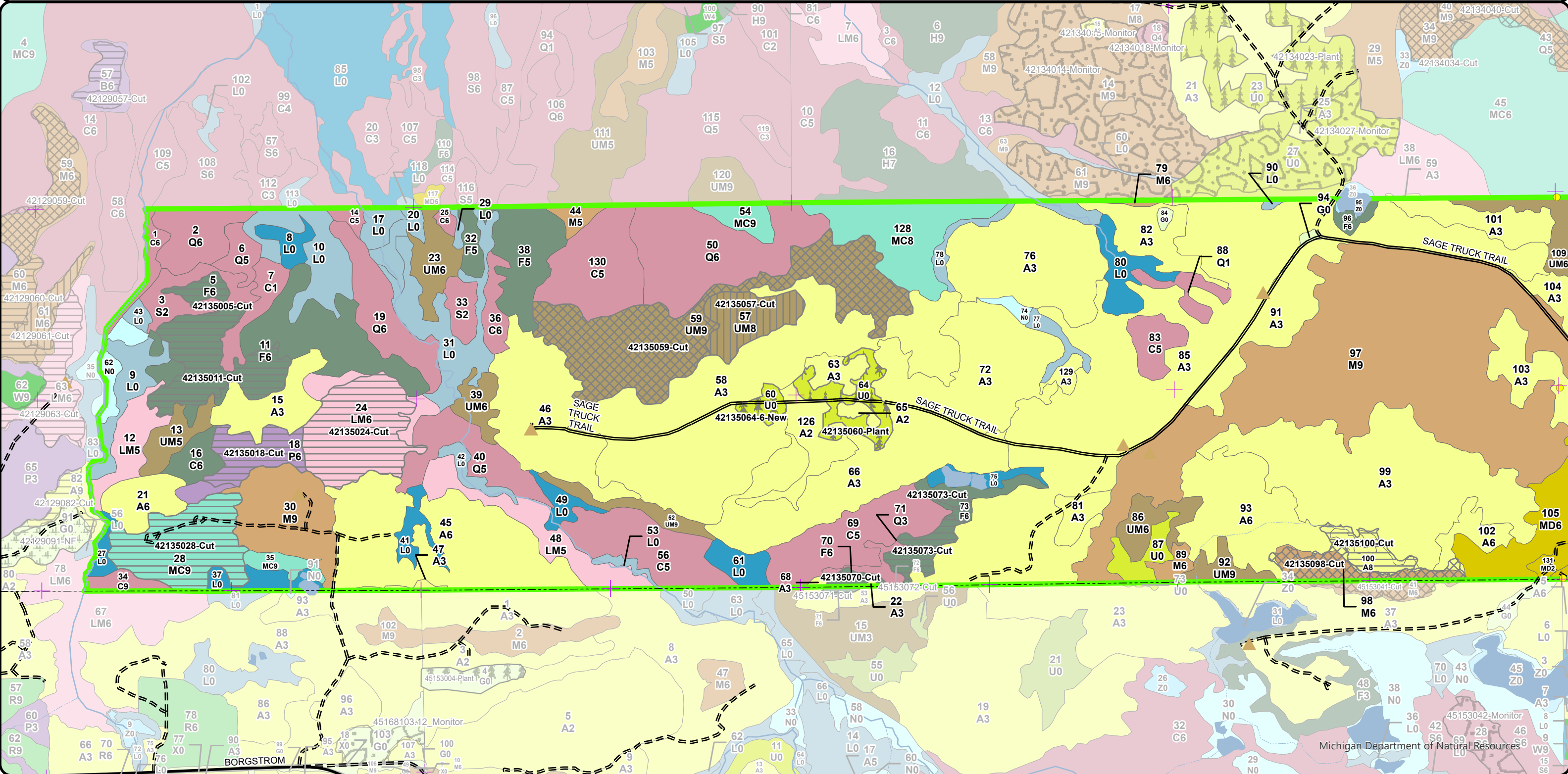
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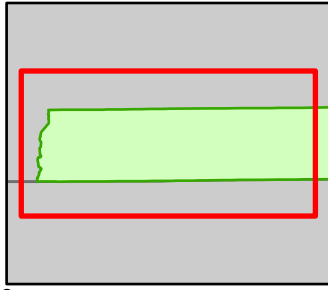
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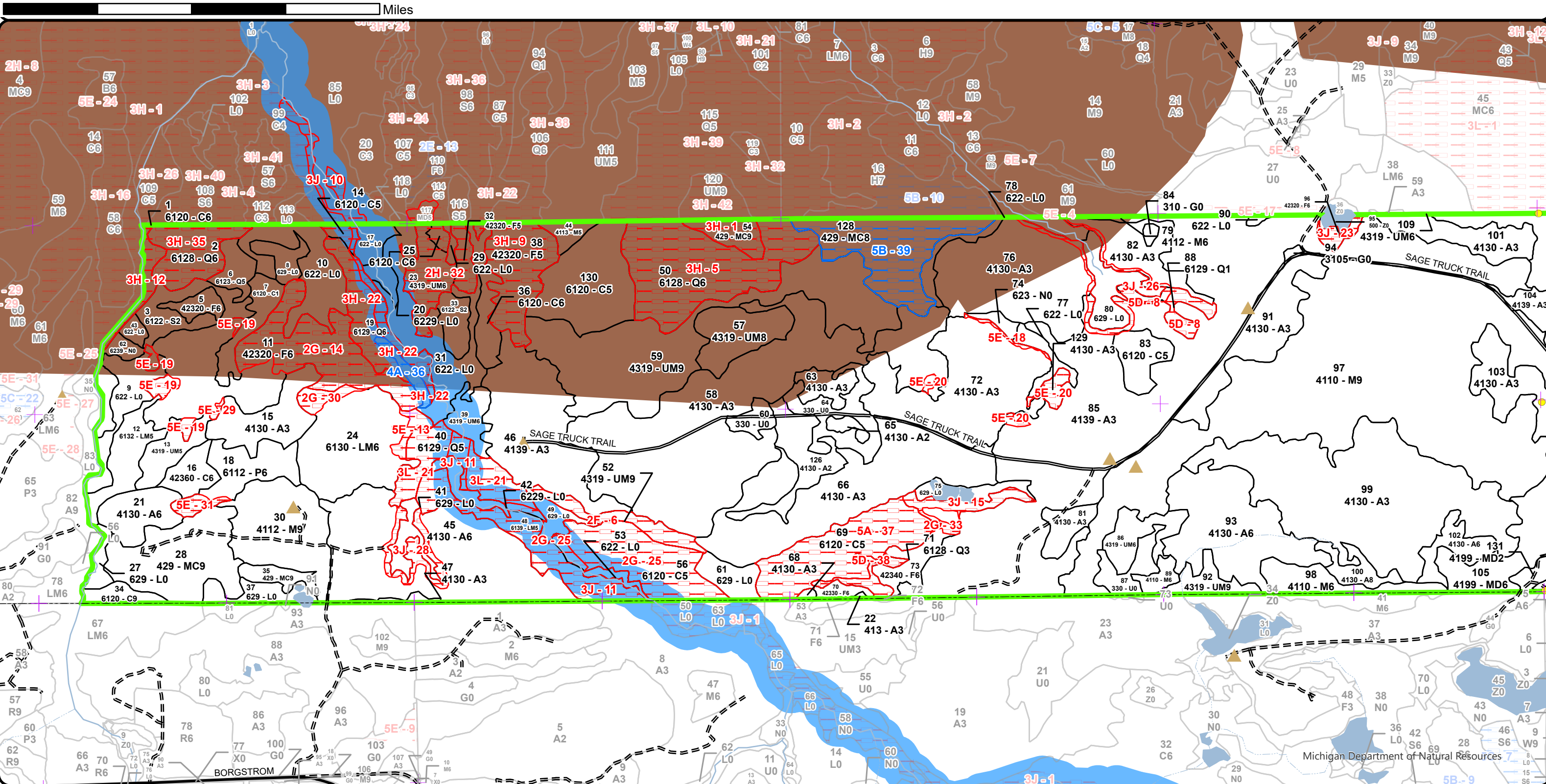


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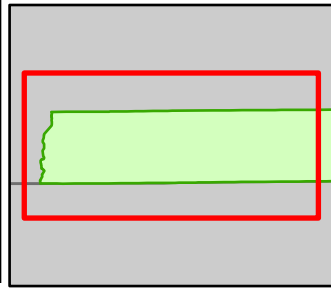
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- Available w/ Constraints
- Unavailable
- 4A: No Markets Available for these Forest Products
- 5B: Maintain for regeneration purposes
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)

- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5A: Not able to obtain desirable regeneration
- 5D: Unproductive Forest Land
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Stand Boundary Map

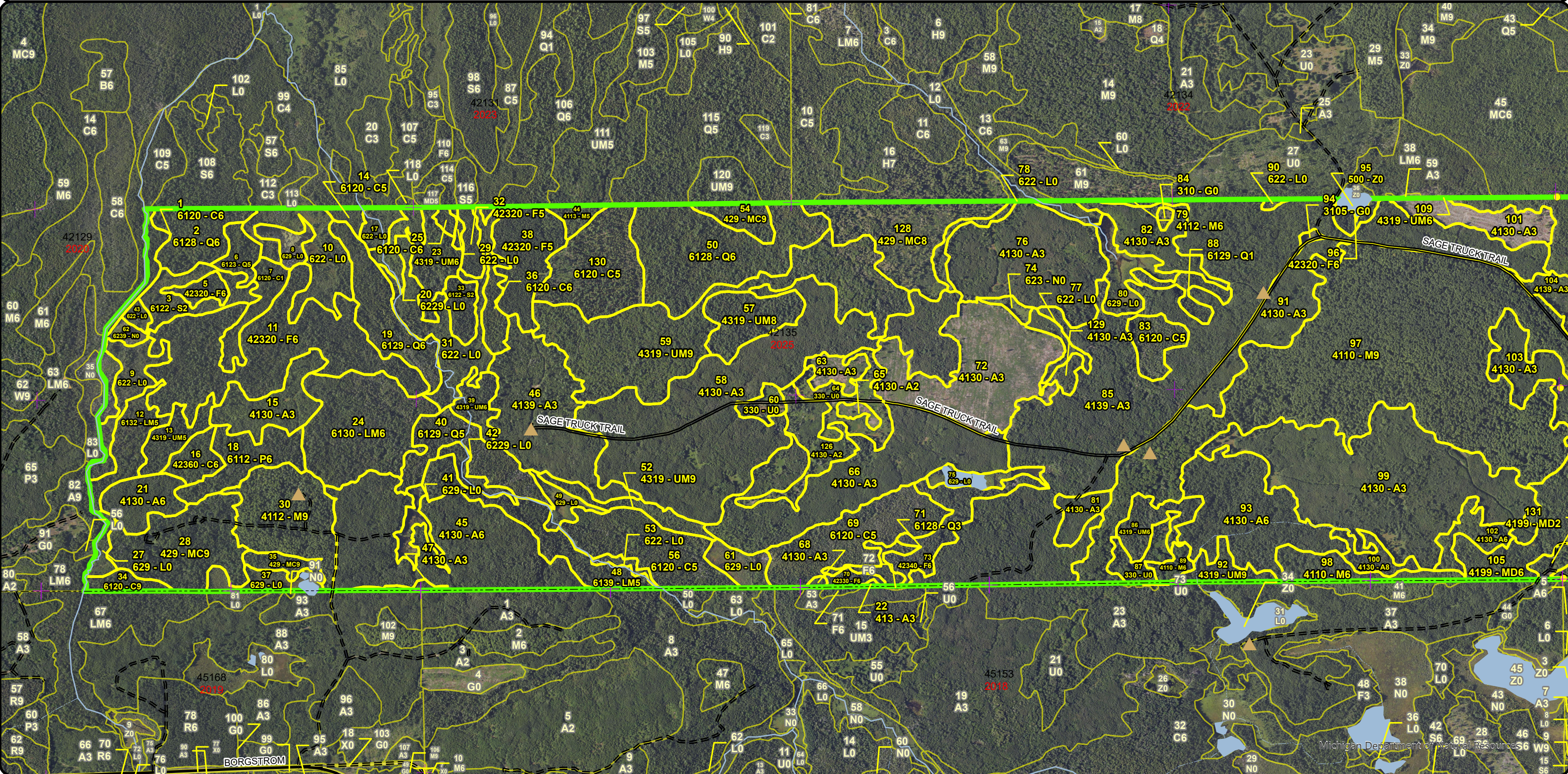


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Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 135 Year of Entry 2025

Lester Livermore : Examiner



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+	Unseen-Aged	Total
Aspen	0	132	445	173	383	11	7	0	8	0	0	0	0	0	0	0	0	0	1159
Cedar	0	0	0	0	0	0	0	0	0	6	81	0	29	6	0	0	83	0	205
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Low-Density Trees	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	20
Lowland Conifers	0	0	0	0	0	5	7	26	0	0	57	0	25	0	0	0	64	0	184
Lowland Mixed Forest	0	0	0	0	0	0	6	0	0	0	88	0	0	0	0	0	0	0	94
Lowland Shrub	179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179
Lowland Spruce/Fir	0	0	0	0	8	0	0	15	0	0	41	0	0	0	0	0	0	0	64
Marsh	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Mixed Upland Deciduous	0	0	0	0	82	0	16	0	0	0	0	0	0	0	0	0	0	0	97
Northern Hardwood	0	0	0	0	0	0	0	0	14	11	470	0	0	0	0	0	0	0	495
Upland Conifers	0	0	0	0	0	0	0	0	40	0	45	8	0	0	0	0	0	0	92
Upland Mixed Forest	0	0	0	0	0	0	0	40	26	1	184	0	0	0	0	0	0	0	250
Upland Spruce/Fir	0	0	0	0	0	3	0	45	9	0	84	0	0	0	0	0	0	0	141
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	225	132	445	173	473	19	36	126	97	38	1050	8	54	6	0	0	147	0	3026



Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2025

Acres of Harvest

Compartment 135
Total Compartment Acres: 3,025

Commercial Harvest - 428
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Aspen	17	0	0	0	0	0	0	0	0	17
Lowland Aspen/Balsam Poplar	17	0	0	0	0	0	0	0	0	17
Lowland Mixed Forest	42	0	0	0	0	0	0	0	0	42
Lowland Spruce/Fir	35	0	0	0	0	0	0	0	0	35
Mixed Upland Deciduous	25	0	0	0	0	0	0	0	0	25
Northern Hardwood	5	85	0	0	0	0	0	0	0	90
Upland Conifers	40	0	0	0	0	0	0	0	0	40
Upland Mixed Forest	0	87	0	0	22	0	0	0	0	109
Upland Spruce/Fir	53	0	0	0	0	0	0	0	0	53
Total	234	172	0	0	22	0	0	0	0	428

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	428	0	22	0	0	0	30	0	0	480
Next Step	0	0	98	35	0	0	450	0	0	583
Total	428	0	120	35	0	0	480	0	0	1063



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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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Approved Treatments:

5	42135005-Cut	5.1	42320 - Upland Spruce	Poletimber Well	94	Unspecified	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut to regenerate, leave all cedar and hemlock for retention, Winter cut deer yard . No chipping of tops and limbs as per VMS cutting specification 2.2.10</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> Aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine.</p> <p><u>Other Comment:</u> Leave all hemlock in the stand for the benefit of wintering deer and bear refuge trees. Cedar will be retained post-harvest for the benefit of wintering deer. Harvest will occur during winter so the tops of desirable browse species will benefit deer as a winter food source.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
11	42135011-Cut	34.0	42320 - Upland Spruce	Poletimber Well	92	Unspecified	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Harvest all species present except retain all cedar and hemlock for retention. Winter harvest. No chipping.</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> Aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine.</p> <p><u>Other Comment:</u> Leave all hemlock in the stand for the benefit of wintering deer and bear refuge trees. Cedar will be retained post-harvest for the benefit of wintering deer. Harvest will occur during winter so the tops of desirable browse species will benefit deer as a winter food source.</p> <p>Re-prescribed.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
18	42135018-Cut	16.7	6112 - Lowland Aspen	Poletimber Well	82	111-140	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest all species present. Leave hemlock for wintering deer and retain cedar that is in pockets (may harvest scattered/individual cedar).</p> <p><u>Specs:</u> Pocket retention 3-10% of stand. Winter harvest based on wet soil conditions. Create 2 hare brush piles on the west end into cedar stand for snowshoe hare.</p> <p><u>Next Step</u> Planting, Other - Specify; Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen with birch, fir, spruce, balsam poplar, maple and cedar</p> <p><u>Other Comment:</u> Retention placed on cedar dominated area of the stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											

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Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
24	42135024-Cut	41.7	6130 - Fir, Aspen, Maple	Poetimber Well	94	Unspec ified	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Clearcut to regenerate leave some black cherry, paper birch, large white spruce, large white pine, and 1 mature aspen for every 2 acres harvested and all cedar and hemlock. Winter harvest to benefit wintering deer. No chipping of tops and limbs as per VMS cutting specification 2.2.10</p> <p><u>Next Step Treatments:</u> Planting, Other - Specify; Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen, maple, cherry, cedar, yellow and paper birch, basswood, balsam fir, white spruce, black spruce, hemlock, red pine, and white pine.</p> <p><u>Other Comment:</u> Re-prescribed from previous inventory.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
28	42135028-Cut	39.7	429 - Mixed Upland Conifers	Sawtimber Well	71	81-110	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all species present except hemlock, oak and white pine for wintering deer. Pocket retention 3-10% of treatment area located in diverse composition areas.</p> <p><u>Next Step Treatments:</u> Planting, Other - Specify; Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen with spruce, fir, white pine, maple, cherry and birch.</p> <p><u>Other Comment:</u> October 1st harvest restriction to provide food for deer. No chipping.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
57	42135057-Cut	19.4	4319 - Mixed Upland Forest	Sawtimber Medium	68	81-110	Harvest	Shelterwood with Retention	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription Specs:</u> Harvest all species present except retain all cedar, hemlock and white pine. Winter harvest and no chipping of tops and limbs to benefit wintering deer.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen, maple, birch, ash, balsam poplar, spruce, fir, cedar, tamarack and white pine.</p> <p><u>Other Comment:</u> Treatment not in Hulbert Sage-River DWC Plan; proposed acreage swap from other stands.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2027</p>											
59	42135059-Cut	87.1	4319 - Mixed Upland Forest	Sawtimber Well	95	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> Thin stand to approximately 80 basal area in hardwood dominated areas. Retain hemlock, cedar pockets, and white pine. Harvest spruce and fir where needed for operability. Winter harvest and no chipping of tops and limbs (VMS Spec 2.2.10) to benefit wintering deer. Leave cherry as a soft mast source for bear and white pine for refuge trees.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Maple, aspen, cherry, birch and basswood, with balsam fir, spruce, hemlock and pine.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2027</p>											



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Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
64	42135060-Plant	16.7	330 - Low-Density Trees	Nonstocked		Unspecified	Planting	Other - Specify	330 - Low-Density Trees		No
<p><u>Prescription</u> Plant apple and oak trees in the opening. <u>Specs:</u> <u>Next Step</u> Monitoring, Other - Specify <u>Treatments:</u> <u>Acceptable</u> Apple and oak trees! <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Proposed Start Date: 10/1 /2024</p>											
60	42135064-6-New	5.0	330 - Low-Density Trees	Nonstocked		Unspecified	Planting	Other - Specify	330 - Low-Density Trees		No
<p><u>Prescription</u> Plant apple and oak trees in the opening. <u>Specs:</u> <u>Next Step</u> Monitoring, Other - Specify <u>Treatments:</u> <u>Acceptable</u> Apple and oak trees! <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Proposed Start Date: 10/1 /2024</p>											
70	42135070-Cut	3.1	42330 - Upland Fir	Poletimber Well	78	Unspecified	Harvest	Clearcut	42340 - Upland Spruce/Fir	Even-Aged	No
<p><u>Prescription</u> Harvest all species present. No retention due to small size. Retain a mix of species and size classes in the red line. Retain all hemlock. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, maple, cherry, beech, paper and yellow birch, basswood, white and black spruce, balsam fir, and white pine. <u>Regen:</u> <u>Other</u> Treatment previously setup and not harvested. <u>Comment:</u> <u>Site Condition</u> Proposed Start Date: 10/1 /2024</p>											
73	42135073-Cut	11.0	42340 - Upland Spruce/Fir	Poletimber Well	63	Unspecified	Harvest	Clearcut with Retention	42340 - Upland Spruce/Fir	Even-Aged	No
<p><u>Prescription</u> Harvest all species present. Place retention along the beaver flooding on the northern edge and the wet drain (previously setup as such). <u>Specs:</u> Retain a mix of species and size classes in the red line. Retain all hemlock. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, maple, cherry, beech, paper and yellow birch, basswood, white and black spruce, balsam fir, and white pine. <u>Regen:</u> <u>Other</u> Treatment previously setup and not harvested. <u>Comment:</u> <u>Site Condition</u> Proposed Start Date: 10/1 /2024</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
98 42135098-Cut	15.2	4110 - Sugar Maple Association	Poletimber Well	79	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> mark to harvest to 80 sqft ba target beech with scale, leave some spruce and white pine if it exists, leave all hemlock. Work with Sault Unit when setting up stand to combine with adjacent compartment to south.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regeneration is aspen, maple, cherry, beech, paper and yellow birch, basswood, white and black spruce, balsam fir, white pine, and ironwood.</p> <p><u>Other Comment:</u> Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, beech, paper and yellow birch, basswood, white and black spruce, balsam fir, white pine, and ironwood.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
100 42135100-Cut	9.9	4130 - Aspen	Sawtimber Medium	79	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Clearcut to regenerate, leave large (relative) diameter aspen throughout the red line and scattered through stand leave 1 conifer for every 2 ac harvested (spruce and white pine if it exists) leave all hemlock. Work with Sault Unit when setting up stand to combine with adjacent compartment to south.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regeneration is aspen, maple, cherry, beech, paper and yellow birch, basswood, white and black spruce, balsam fir, white pine, and ironwood.</p> <p><u>Other Comment:</u> Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, beech, paper and yellow birch, basswood, white and black spruce, balsam fir, white pine, and ironwood.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
105 42135105-New	8.9	4199 - Other Mixed Upland Deciduous	Poletimber Well	35	51-80	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all species present to generate a new age class. Retain mature aspen in the boundary line. Retain any hemlock. No retention due to small acreage.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen with maple, ash, birch, cherry with conifer.</p> <p><u>Other Comment:</u> October 1st harvest restriction to provide food for deer. Harvest north side of the Sage River Truck Trail. No chipping.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
107 42135107-Cut	6.7	4130 - Aspen	Poletimber Well	57	51-80	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all species present except retain any hemlock. Retain mature aspen in the boundary line. No retention based on small stand acreage.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen with maple, ash, birch and conifer.</p> <p><u>Other Comment:</u> October 1st harvest restriction to provide food for deer. No chipping.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</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
111 42135111-Monitor_mwr	29.9	4112 - Maple, Beech, Cherry Association	Sawtimber Poor	95	1-50	Monitoring	Other - Specify	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription</u> Monitoring of research results to be done by MSU (MWR research project)</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Northern hardwoods</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> 10/27/2023</p>										
113 42135113-Cut	16.4	4199 - Other Mixed Upland Deciduous	Poletimber Poor	59	1-50	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Harvest all species present. Retain any hemlock, oak, large white pine and a component of cherry. Pocket retention 3 - 10% of stand acreage.</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> Aspen with maple, cherry, birch, spruce/fir, white pine and red pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> October 1st harvest restriction to provide food for deer. No chipping.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
115 42135115-Cut	5.1	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	80	81-110	Harvest	Clearcut	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Harvest all species present except retain any hemlock, oak and large white. Pocket retention 3 - 10% of stand acreage.</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> Aspen with maple, birch, ash, spruce, fir, and white pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> October 1st harvest restriction to provide food for deer. No chipping.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</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
117 42135117-Cut	35.3	6122 - Black Spruce	Poletimber Medium	95	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest all species present except cedar pockets (individual cedar may be harvested). Winter harvest due to wet stand conditions. Pocket retention 3 - 10%.</p> <p><u>Next Step Treatments:</u> Seeding, Machine Seed; Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Spruce with maple, birch, balsam poplar, aspen, and cedar.</p> <p><u>Other Comment:</u> Treatment acreage may change due to exclusion of wet stunted areas. October 1st harvest restriction to provide food for deer. No chipping.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
123 42135123-Cut	2.5	4319 - Mixed Upland Forest	Poletimber Well	70	81-110	Harvest	Shelterwood with Retention	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription Specs:</u> Retain 40 - 60 basal area of maple and birch. Leave some yellow birch. Harvest all other species present except retain any white pine and Hemlock.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Maple and yellow birch with spruce, fir, white pine and hemlock</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
125 42135125-Cut	70.1	4112 - Maple, Beech, Cherry Association	Sawtimber Well	95	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> Thin stand to approximately 80 basal area. Retain hemlock and oak for wintering deer. Retain mature aspen in the boundary on west side for grouse. Retain a component of yellow birch where it exists. Utilize MWR specs for slash within the timber sale.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Maple with birch, beech, conifer and aspen.</p> <p><u>Other Comment:</u> October 1st harvest restriction to provide food for deer. No chipping.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment Acreage Proposed: 479.5

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 135

Lester Livermore : Examiner

Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions											
		With Condition	Not Available		4A	5B	1C	2F	2G	2H	3H	3J	3L	5A	5D	5E
1158	1137	0	21	Aspen							15	0		0	6	
204	80	0	124	Cedar				32	2	8	3	42	38			
2	2	0	0	Herbaceous Openland												
32	32	0	0	Low-Density Trees												
20	17	0	3	Lowland Aspen/Balsam Poplar											3	
185	7	4	174	Lowland Conifers	4						91	13	60		11	
94	62	0	32	Lowland Mixed Forest				4			24	0			4	
179	171	0	8	Lowland Shrub							0	0		7		
64	58	0	6	Lowland Spruce/Fir										5	1	
10	10	0	0	Marsh												
98	98	0	0	Mixed Upland Deciduous												
495	490	0	5	Northern Hardwood			5					0				
92	46	39	8	Upland Conifers		39					8					
250	225	0	25	Upland Mixed Forest				9	14		1	0				
141	53	0	87	Upland Spruce/Fir				40	6	27	9				6	
2	2	0	0	Water												
3,025	2,489	42	493	Total Forested Acres	4	39	5	9	75	22	134	66	102	38	23	20
	82%	1%	16%	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	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: See Hulbert-Sage River DWC Plan							
2	Unavailable	3L: Other wildlife concerns	23	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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3	Unavailable	3L: Other wildlife concerns	9	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3L: Other wildlife concerns	8	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	57	Unspecified	Unspecified	Unspecified	Unspecified
Comments: See Hulbert-Sage River DWC Plan							
6	Unavailable	2F: Too steep	9	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: Evaluated for SBW.							
7	Unavailable	3L: Other wildlife concerns	42	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	5D: Unproductive Forest Land	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

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9	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	27	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments: See Hulbert-Sage River DWC Plan							
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: RMZ for East Branch Sage River.							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	6	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Obligate deer yard on purchased lands. RMZ for creek.							
13	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Lester Livermore : Examiner

Compartment: 135
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15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5D: Unproductive Forest Land	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Larger aspen left in the red pine of timber sale 42-014-18.							
19	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	3L: Other wildlife concerns	20	2G: Too wet (sensitive soils, does not include access issues)	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 135

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22	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Obligate deer yard on purchased lands.							
23	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	5D: Unproductive Forest Land	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	1C: Other dept or div proc/practices	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Walters Research Project: Long-term beech regeneration monitoring, up to 20 years (through 2039)							

Report 4 – Site Conditions

Newberry Mgt. Unit
Lester Livermore : Examiner

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28	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	24	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 135

Lester Livermore : Examiner

Year of Entry: 2025

34	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: See stand comments.							
36	Available	4A: No Markets Available for these Forest Products	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Flooded and dying tamarack.							
37	Unavailable	5A: Not able to obtain desirable regeneration	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 2023 - Stand is wetter than previous decades and regeneration of cedar or spruce post harvest would be unlikely.							
38	Unavailable	5D: Unproductive Forest Land	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Available	5B: Maintain for regeneration purposes	39	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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



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.

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
1	6120 - Lowland Cedar	Poletimber Well	5.6	121	81-110	N/A	Stand not as wet as the adjacent ground to the west. Cedar dominated.																																																																								
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Black Spruce	4	Pole	6																																																																												
2	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	19.2	66	Unspecified	N/A	Stand was setup but never sold: Wishful Thinking 42-006-13. Decent pole sized spruce with a mix of hardwood, aspen and cedar in association and in pockets. More deciduous in the south portion of the stand.																																																																								
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3	6122 - Black Spruce	Sapling Medium	14.7	65	1-50	N/A																																																																									
5	42320 - Upland Spruce	Poletimber Well	5.1	94	Unspecified	N/A	Stand previously setup and was not harvested: Springtime Mix 42-012-15.																																																																								
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6	6123 - Lowland Fir	Poletimber Medium	7.2	50	Unspecified	N/A																																																																									
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7	6120 - Lowland Cedar	Sapling Poor	10.6	90	1-50	N/A																																																																									
8	629 - Mixed non-forested wetland	Nonstocked	6.0		Unspecified	No																																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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9	622 - Lowland Shrub	Nonstocked	14.6			No	
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10	622 - Lowland Shrub	Nonstocked	23.7		Unspecified	No	
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11	42320 - Upland Spruce	Poletimber Well	78.5	92	Unspecified	N/A	Stand was prepped as part of Springtime Mix, 42-12-15. This unit was not harvested. Large area of the stand on the east side not setup for timber sale based on wet conditions and less merchantability of timber.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	3	Pole/Log	9	
Black Spruce	78	Pole	8	92
Balsam Fir	3	Pole	5	
Quaking Aspen	3	Pole/Log	9	
Northern White Cedar	10	Pole	7	
Paper Birch	3	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling

12	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	14.9	93	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	25	Pole	7	93
Black Spruce	20	Pole/Log	8	
Northern White Cedar	25	Log/Pole	10	
Paper Birch	20	Log/Pole	11	
Red Maple	5	Pole/Log	8	
Balsam Fir	5	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Sapling

13	4319 - Mixed Upland Forest	Poletimber Medium	10.7	96	51-80	N/A	Stand harvested via shelterwood with retention:
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	8	Log/Pole/XLog	16	
Hemlock	8	Pole/Log	8	
Red Maple	34	Sapling	2	14
Balsam Fir	6	Sapling	2	14
Northern White Cedar	35	Pole	6	96
Black Cherry	9	Sapling	2	14

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Black Cherry	Low	Variable	Sapling

14	6120 - Lowland Cedar	Poletimber Medium	2.8	150	51-80	N/A	Carryover stand from the adjacent compartment. Areas of stunted cedar.
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Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	100	Pole/Sapling	5	150

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Tag Alder	High	Variable	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																										
15	4130 - Aspen	Sapling Well	21.0	14	Immature	N/A																																																																																											
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16	42360 - Upland Cedar	Poletimber Well	8.5	111	111-140	N/A	Cedar dominated stand with mixed species in association.																																																																																										
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17	622 - Lowland Shrub	Nonstocked	5.5		Unspecified	No																																																																																											
18	6112 - Lowland Aspen	Poletimber Well	19.9	82	111-140	N/A	Older age class of aspen beginning to Fell out of the Canopy. Not an abundance of understory within the stand; maple 5' - 15' tall in canopy gaps. Cedar distributed in a couple pockets on the edges of the stand.																																																																																										
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19	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	25.3	110	Unspecified	N/A	Cedar dominated with black spruce in association, mainly in the center of the stand. Northern edge of the stand has pole sized paper birch. Tamarack inclusion within the stand along the old grade.																																																																																										
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20	6229 - Mixed lowland shrub	Nonstocked	7.3		Unspecified	No																																																																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
21	4130 - Aspen	Poletimber Well	15.0	38	81-110	N/A	Stand dominated by aspen poles and saplings. Many areas of the stand entering pole sizes.																																																														
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22	413 - Aspen	Sapling Well	0.3	43	1-50	N/A	Small carry-over from adjacent compartment.																																																														
23	4319 - Mixed Upland Forest	Poletimber Well	14.2	70	81-110	N/A	Stand data from 2013; stand not visited.																																																														
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24	6130 - Fir, Aspen, Maple	Poletimber Well	49.1	94	Unspecified	N/A	Stand was prepped as part of Springtime Mix, 42-12-15. This unit was not harvested.																																																														
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25	6120 - Lowland Cedar	Poletimber Well	1.9	110	Unspecified	N/A	Small stand carry-over from adjacent compartment.																																																														
27	629 - Mixed non-forested wetland	Nonstocked	4.1		Immature	No																																																															



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28	429 - Mixed Upland Conifers	Sawtimber Well	39.7	71	81-110	N/A	Diverse stand with balsam fir dominating most areas with various other species in association. Older age class of aspen scattered throughout.																																																													
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29	622 - Lowland Shrub	Nonstocked	1.3		Unspecified	No																																																														
30	4112 - Maple, Beech, Cherry Association	Sawtimber Well	37.4	93	81-110	N/A	Stand harvested via single tree selection in 2016: Springtime Mix 42-12-15. Good regeneration throughout the stand including maple, cherry and some beech. Occasional large overmature aspen.																																																													
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31	622 - Lowland Shrub	Nonstocked	29.4		Unspecified	No	East Branch of the Sage River runs through the stand.																																																													
32	42320 - Upland Spruce	Poletimber Medium	5.6	70	Unspecified	N/A	Average 5 - 6" diameter spruce.																																																													
33	6122 - Black Spruce	Sapling Medium	7.6	35	Unspecified	N/A	Previous inventory notes describe sapling black spruce dominated with infrequent poles; 2 - 7" diameters.																																																													
34	6120 - Lowland Cedar	Sawtimber Well	5.5	88		N/A																																																														
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35	429 - Mixed Upland Conifers	Sawtimber Well	5.8	93	111-140	N/A	Hemlock dominated stand; transition between hardwoods and stunted lowlands.																																														
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37	629 - Mixed non-forested wetland	Nonstocked	8.6		Immature	No																																															
38	42320 - Upland Spruce	Poletimber Medium	26.8	67	51-80	N/A	Black spruce dominated in many areas with balsam just entering pole sizes in some areas. Infrequent red maple pole/log. Hummocky mounded ground with evidence of very large white once dominating the site.																																														
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39	4319 - Mixed Upland Forest	Poletimber Well	8.8	70	81-110	N/A	Intermediate stand, not as wet as the similar stands to the south. Infrequent paper birch and aspen poles scattered within.																																														
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40	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	24.2	163	81-110	N/A	Stand dominated by pole and log sized cedar with small pole balsam and spruce. Lesser areas dominated by bolt sized black spruce with tag alder and soft matted American tree moss and bunchberry. These areas have a majority of the balsam and spruce falling out of the canopy. Evidence of hand cut cedar and spruce stumps.																																														
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41	629 - Mixed non-forested wetland	Nonstocked	6.4			No																																												
42	6229 - Mixed lowland shrub	Nonstocked	5.1		Immature	No																																												
43	622 - Lowland Shrub	Nonstocked	2.4		Unspecified	No																																												
44	4113 - R.Maple, Conifer	Poletimber Medium	4.3	92	1-50	N/A	Even aged pole size maple with balsam understory. Small area within the stand cleared to create a decking area, now filling with cherry regeneration 10 - 20' tall.																																											
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45	4130 - Aspen	Poletimber Well	83.0	36	81-110	N/A	Higher ground in most areas with small low inclusions. Stem exclusion stage in some areas with mortality.																																											
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46	4139 - Aspen, Mixed Deciduous	Sapling Well	54.3	15	Immature	N/A																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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48	6139 - Mixed Lowland Forest	Poletimber Medium	24.5	94	111-140	N/A	Stand situated on the edge of the larger Aspen and is intermediate ground.																																						
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49	629 - Mixed non-forested wetland	Nonstocked	5.7		Unspecified	No	
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50	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	57.2	95	Unspecified	N/A	Area dominated by black spruce. Eastern portion of the stand mix composition with cedar, red maple and aspen. Stand previously prescribed under contract Sage River Mix 42-021-15. Stand went unharvested.																																							
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52	4319 - Mixed Upland Forest	Sawtimber Well	9.4	91	81-110	N/A	Stand data from 2013; stand not visited this cycle.																								
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53	622 - Lowland Shrub	Nonstocked	2.4		Unspecified	No	
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54	429 - Mixed Upland Conifers	Sawtimber Well	8.2	100	171-200	N/A	Upland white pine and hardwood dominated ridge. Mixed composition in places. Stand setup and sold but went unharvested: Sage River Mix 42-021-15.																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
56	6120 - Lowland Cedar	Poletimber Medium	33.6	95	Unspecified	N/A	Smaller diameters on the northern side of the grade that bisects the stand. Areas dominated by black spruce. Areas of mixed conifer composition. Small tamarack inclusion stand next to the adjacent wetlands.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Tamarack		10	Pole/Sapling	6		Black Spruce		
Balsam Fir		20	Sapling/Pole	4		Balsam Fir		
Black Spruce		10	Pole/Sapling	5		Tag Alder		
Paper Birch		10	Pole/Sapling	5		Medium		
Northern White Cedar		50	Pole	7	95	5 - 10 feet		
						Tall Shrub		
57	4319 - Mixed Upland Forest	Sawtimber Medium	19.4	68	81-110	N/A	Areas of lower ground within the stand dominated by semi-open black spruce with pole sized maple and birch. More upland areas of the stand dominated by log and pole sized aspen with white pine.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black Cherry		3	Pole	7		Tag Alder		
Balsam Fir		12	Pole/Log	8		Low		
White Pine		28	Log/Pole	12	68	5 - 10 feet		
Black Spruce		12	Pole/Log	9		Tall Shrub		
Quaking Aspen		30	Log/Pole	13	68			
Hemlock		5	Log/XLog	14				
Red Maple		10	Pole	8				
58	4130 - Aspen	Sapling Well	145.3	25	1-50	N/A	Eastern lobe of the stand has a higher component of maple and cherry than the rest of the stand. Thick aspen regeneration throughout. A small percentage of the stand starting to enter pole size classes.	
Canopy Species		% Cover	Size Class	DBH	Age			
Quaking Aspen		68	Sapling/Pole	4	25			
Balsam Fir		7	Sapling/Pole	4				
White Pine		2	Log/Pole	12				
White Spruce		5	Sapling	2				
Black Cherry		10	Sapling/Pole	3				
Red Maple		5	Sapling/Pole	3				
Paper Birch		3	Sapling	1				
59	4319 - Mixed Upland Forest	Sawtimber Well	87.1	95	111-140	N/A	Stand was previously setup as part of Sage River Mix (PU 2, 5 and a sliver of 3) but this stand went unharvested. Areas dominated by moderate quality red maple with white pine in association; hemlock groves with an infrequent cedar component.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Northern White Cedar		5	Pole/Log	7		Balsam Fir		
Balsam Fir		5	Pole	7		Medium		
Black Spruce		5	Pole	7		Variable		
White Pine		10	XLog/Log	20		Sapling		
Red Maple		50	Log/XLog/Pole	13	95			
Hemlock		25	XLog/Log	20				
60	330 - Low-Density Trees	Nonstocked	5.0		Unspecified	No	Site was treated with a prescribed burned on 5/12/15: FTP 42-630. Apple trees planted within the stand.	
61	629 - Mixed non-forested wetland	Nonstocked	8.5		Unspecified	No		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
62	6239 - Mixed Emergent Wetland	Nonstocked	7.3		Unspecified	No	
63	4130 - Aspen	Sapling Well	7.3	2	Immature	N/A	Stand harvested via Clearcut in winter 2021/22: EKG Aspen 42-014-18. Stand regenerating well with aspen now 10' tall with lesser amounts of red maple, cherry and balsam.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Red Maple	15	Sapling	1	2	
		Quaking Aspen	78	Sapling	1	2	
		White Pine	5	Log	15		
		White Spruce	2	Pole	8	67	
64	330 - Low-Density Trees	Nonstocked	16.7		Unspecified	Managed Opening	Site was treated with a prescribe burn on 5/12/2015: FTP 42-630. Stand was planted with apple trees.
65	4130 - Aspen	Sapling Medium	2.6	2	Immature	N/A	Stand harvested via Clearcut in winter 2021/22: EKG Aspen 42-014-18.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Black Cherry	10	Sapling	1		
		White Spruce	5	Pole/Sapling	6		
		Quaking Aspen	85	Sapling	1	2	
66	4130 - Aspen	Sapling Well	77.7	14	Immature	N/A	Inclusion of white spruce merged into the stand near the adjacent openings.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Sugar Maple	10	Sapling	2		
		Quaking Aspen	68	Sapling	2	14	
		Black Cherry	20	Sapling	2		
		White Spruce	2	Pole	7	65	
68	4130 - Aspen	Sapling Well	0.7	23	Immature	N/A	Small carry-over stand from the adjacent compartment.
69	6120 - Lowland Cedar	Poletimber Medium	37.8	155	Unspecified	N/A	Stand has large areas of mortality from high water table. Very wet in most areas.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Black Spruce	10	Sapling	2		
		Balsam Fir	25	Sapling	2	55	
		Northern White Cedar	50	Pole/Sapling	7	155	
		Black Ash	10	Sapling	2		
		Paper Birch	5	Sapling	2		
		Sub-Canopy Species	Density	Avg. Height	Size		
		Tag Alder	Low	Variable	Tall Shrub		
70	42330 - Upland Fir	Poletimber Well	3.1	78	Unspecified	N/A	Stand setup for timber sale and was not harvested: Sage River Mix 42-021-15.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Black Cherry	5	Pole/Log	8		
		Balsam Fir	80	Pole	6	78	
		White Spruce	15	Log/Pole	12		
		Sub-Canopy Species	Density	Avg. Height	Size		
		Balsam Fir	Low	Variable	Sapling		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
71	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Well	5.1	40	Unspecified	N/A																																				
72	4130 - Aspen	Sapling Well	61.2	2	Immature	N/A	Stand harvested via Clearcut in winter 2021/22: EKG Aspen 42-014-18. Stand regenerating well to aspen with cherry and birch. Scattered spruce, balsam and white pine left as retention.																																			
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73	42340 - Upland Spruce/Fir	Poletimber Well	18.3	63	Unspecified	N/A	Stand setup for timber sale and was not harvested: Sage River Mix 42-021-15.																																			
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74	623 - Emergent Wetland	Nonstocked	2.5		Unspecified	No																																				
75	629 - Mixed non-forested wetland	Nonstocked	6.9			No																																				
76	4130 - Aspen	Sapling Well	60.0	14	1-50	N/A	Dense aspen regen with infrequent residual pole sized birch.																																			
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77	622 - Lowland Shrub	Nonstocked	5.1		Unspecified	No																																				
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79	4112 - Maple, Beech, Cherry Association	Poletimber Well	1.2	85	51-80	N/A	Stand harvested via Single Tree selection in 2019/20: Sage Splash 42-048-12. Small stand part of the larger hardwood stand to the north.																																											
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83	6120 - Lowland Cedar	Poletimber Medium	11.1	110	Unspecified	N/A	Cedar dominated stand.																																											
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84	310 - Herbaceous Openland	Nonstocked	1.2		Immature	No																																												
85	4139 - Aspen, Mixed Deciduous	Sapling Well	233.3	30	1-50	N/A	Large sapling aspen mixed stand with highest conifer component in the west. Majority of the stand either just entering pole size classes, or still dominated by tall saplings. Areas dominated maple regen and/or mixed hardwood and aspen. Spruce, fir and white pine intermixed or in clusters. Some mild topography within the stand with a few intermittent drains.																																											
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86	4319 - Mixed Upland Forest	Poletimber Well	12.5	67	111-140	N/A	Stand data from 2013.																																										
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87	330 - Low-Density Trees	Nonstocked	8.9		Unspecified	No	Stand has open grown maple and aspen/cherry pockets within. Mostly grass or fern dominated.																																										
88	6129 - Mixed Coniferous Lowland Forest	Sapling Poor	7.4	69	1-50	N/A																																											
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89	4110 - Sugar Maple Association	Poletimber Well	4.3	80	81-110	N/A	Stand harvested via Single Tree Selection: Limestone Ridge Hardwoods, 42-023-15. Nice regeneration within the stand in pockets.																																										
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90	622 - Lowland Shrub	Nonstocked	0.8		Unspecified	No																																											
91	4130 - Aspen	Sapling Well	29.3	14	Immature	N/A																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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92 4319 - Mixed Upland Forest Sawtimber Well 8.2 60 81-110 N/A Stand data from 2013; Stand not visited.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	25	Pole/Log	9		Balsam Fir	Low	Variable	Sapling
Black Cherry	5	Pole	6		White Spruce	Low	Variable	Sapling
Paper Birch	5	Pole	6					
White Spruce	30	Pole/Log	9					
Quaking Aspen	35	Log/XLog/Pole	13	60				

93 4130 - Aspen Poletimber Well 51.8 32 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	5	Sapling/Pole	3		Sugar Maple	Medium	Variable	Sapling
Black Cherry	10	Pole/Sapling	5		Balsam Fir	Low	Variable	Sapling
Sugar Maple	5	Sapling/Pole	4		Black Cherry	Low	Variable	Sapling
Quaking Aspen	80	Pole/Sapling	5	32				

94 3105 - Mixed Upland Herbaceous Nonstocked 1.0 No

Sub-Canopy Species	Density	Avg. Height	Size
Clovers	Medium	Unspecified	Non-Wood
Quaking Aspen	Trace	>20 feet	Sapling
Black Cherry	Trace	>20 feet	Sapling
Mixed Sedges/Grasses	Medium	Unspecified	Non-Wood

95 500 - Water Nonstocked 1.9 No

96 42320 - Upland Spruce Poletimber Well 3.2 45 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	7		Balsam Fir	Low	Variable	Sapling
White Spruce	40	Pole/Log	8	45				
Black Spruce	35	Pole	6					
White Pine	20	Log/Pole	11					

97 4110 - Sugar Maple Association Sawtimber Well 259.3 95 81-110 N/A Stand harvested via single tree selection in 2017: Limestone Ridge Hardwoods 42-023-15.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	75	Log/Pole	10	95	Sugar Maple	High	Variable	Sapling
Red Maple	10	Log/Pole	10		Ironwood	Low	Variable	Sapling
Basswood	7	Log/Pole	10					
Quaking Aspen	2	Log/Pole	12					
White Ash	6	Log/Pole	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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98 4110 - Sugar Maple Association Poletimber Well 13.7 79 111-140 N/A Stand currently under active contract: Limestone Ridge Mix 42-001-21.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	82	Pole/Log	9	79	Balsam Fir	Low	Variable	Sapling
Paper Birch	2	Pole	6		Sugar Maple	Low	Variable	Sapling
Basswood	8	Log/Pole	11		White Spruce	Low	Variable	Sapling
Beech	5	Pole/Log	9					
White Ash	3	Pole/Log	9					

99 4130 - Aspen Sapling Well 117.6 14 1-50 N/A Scattered clusters of residual pole sized aspen and maple; not a significant part of the stand canopy.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	15	Sapling/Pole	2	
Black Cherry	15	Sapling	2	
Quaking Aspen	70	Sapling	2	14

100 4130 - Aspen Sawtimber Medium 7.6 79 Unspecified N/A Stand currently under active contract: Limestone Ridge Mix 42-001-21.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	2	Pole	6		Sugar Maple	Medium	Variable	Sapling
Black Cherry	5	Pole	6					
Quaking Aspen	90	Log/XLog/Pole	12	79				
Balsam Fir	3	Pole	6					

101 4130 - Aspen Sapling Well 17.6 2 Immature N/A Stand harvested via Clearcut in winter 2021/22: EKG Aspen 42-014-18.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	70	Sapling	1	2
Red Maple	10	Sapling	1	
Paper Birch	9	Sapling	1	
Balsam Fir	8	Sapling	1	
White Spruce	3	Pole	8	

102 4130 - Aspen Poletimber Well 10.3 46 51-80 N/A Entering pole size classes.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	60	Pole/Sapling	5	46	Sugar Maple	Medium	Variable	Sapling
Sugar Maple	40	Pole/Sapling	5		White Spruce	Low	Variable	Sapling

103 4130 - Aspen Sapling Well 22.2 14 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	10	Sapling/Pole	3	
Quaking Aspen	90	Sapling	2	14



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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104 4139 - Aspen, Mixed Deciduous Sapling Well 39.6 5 Immature N/A Stand harvested via clearcut in 2018: Limestone Ridge Hardwoods 42-023-15.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	8	Sapling	1	
Black Cherry	10	Sapling	1	
Sugar Maple	18	Sapling	1	
Red Maple	8	Sapling	1	
White Ash	2	Sapling	1	
Quaking Aspen	54	Sapling	1	5

105 4199 - Other Mixed Upland Deciduous Poletimber Well 76.5 35 51-80 N/A Variable diameters across the stand. Majority of stand is small poles with saplings either co-dominant or now suppressed. Areas of large pole and log sized aspen in clumps or individuals. Many areas of the stand dominated by sugar maple with an aspen component.

Canopy Species	% Cover	Size Class	DBH	Age
Ironwood	5	Pole/Sapling	5	
Quaking Aspen	35	Pole/Sapling	7	35
Black Cherry	5	Pole/Sapling	5	
Balsam Fir	5	Pole/Sapling	5	
Sugar Maple	30	Pole/Sap/Log	8	
Red Maple	5	Pole/Sapling	5	
Paper Birch	15	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	Variable	Sapling
Sugar Maple	High	Variable	Sapling

106 330 - Low-Density Trees Nonstocked 1.4 No

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	Variable	Sapling
Sugar Maple	Low	< 5 feet	Sapling

107 4130 - Aspen Poletimber Well 6.7 57 51-80 N/A Small mixed stand next to private land. Hardwood indicators and hardwood regeneration from below.

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	10	Pole	5	
White Ash	5	Pole	6	
White Spruce	5	Log/XLog/Pole	12	
Quaking Aspen	60	Pole/Log	9	57
Paper Birch	10	Pole/Log	8	
Sugar Maple	10	Sapling/Pole	3	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	High	Variable	Sapling

108 6129 - Mixed Coniferous Lowland Forest Poletimber Well 23.0 185 Unspecified N/A Stand data from 2013.

Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	10	Pole/Log	8	
Black Spruce	10	Pole	7	95
White Pine	10	XLog/Log	18	
Hemlock	70	Log/Pole/XLog	11	185

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	Medium	Variable	Pole
Balsam Fir	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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109 4319 - Mixed Upland Forest Poletimber Well 75.8 95 81-110 N/A Stand transitions from more red maple to mixed coniferous or lowland mixed as you move north. Band of larger aspen in the southwestern portion of the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	45	Pole/Log	9	95	Balsam Fir	High	Variable	Sapling
Hemlock	15	Log/Pole	11	185	Hemlock	Low	Variable	Pole
Quaking Aspen	10	Log/XLog	16		Red Maple	Low	Variable	Sapling
Black Spruce	10	Pole/Log	8					
White Pine	5	XLog/Log	18					
Northern White Cedar	5	Pole	6					
Balsam Fir	10	Pole	5					

110 6139 - Mixed Lowland Forest Poletimber Well 5.5 51 51-80 N/A Wet stand. Stand situated on the border of private and the county line splits the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	20	Sapling/Pole	3		Paper Birch	Low	Variable	Sapling
Black Spruce	50	Pole/Sapling	5	51	Red Maple	Low	Variable	Sapling
Red Maple	30	Pole/Sapling	5		Tag Alder	Low	Variable	Tall Shrub
					Black Spruce	Medium	Variable	Sapling

111 4112 - Maple, Beech, Cherry Association Sawtimber Poor 29.9 95 1-50 N/A Stand is part of MWR research project. Stand harvested via Seed Tree in 20XX: North Dinkey Line MWR 42-008-17. Cutting all trees greater than 2" dbh but leaving all trees/tops less than 9" where they fall. No non-commercial follow-up activities are scheduled. Dense diverse hardwood regeneration within the stand now 8 - 25'. Some dieback in existing canopy overstory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	2	Log/Pole	13		Black Cherry	High	10 - 20 feet	Sapling
Black Cherry	1	Log/Pole	10		Red Maple	Medium	Variable	Sapling
Red Maple	30	Log/Pole	11		Sugar Maple	Medium	Variable	Sapling
Beech	1	Log/Pole	12		Beech	Medium	Variable	Sapling
Sugar Maple	62	Log/Pole	11	95				
Yellow Birch	4	Log/Pole	12					

This stand will be monitored following MWR research guidance.

112 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 9.2 185 Unspecified N/A Stand data from last inventory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Log/Pole	11		Hemlock	Medium	Variable	Pole
Yellow Birch	10	Log/Pole	13		Balsam Fir	Low	Variable	Sapling
White Pine	10	XLog/Log	20					
Black Spruce	10	Pole/Log	8	95				
Hemlock	60	Log/Pole/XLog	11	185				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
113	4199 - Other Mixed Upland Deciduous	Poletimber Poor	16.4	59	1-50	N/A	Stand has a variety of age classes. Older scrubby scattered black cherry pole sizes with spruce, birch and red pine in association. Younger age classes of aspen and red maple from below; somewhat suppressed in areas. Open areas filling in slowly with moderate maple regen.																																																		
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114	622 - Lowland Shrub	Nonstocked	7.3		Unspecified	No	Flooded spruce and cedar.																																																		
115	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	5.1	80	81-110	N/A	Stand occupies a subtle ridge. Semi-open log sized red maple with infrequent aspen. Understory is mostly spruce balsam and beech . Some dieback in canopy.																																																		
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116	4136 - Aspen, Mixed Conifer	Sapling Well	24.1	16	1-50	N/A	Dense regen in most places now 30' tall. Scattered residual white pine.																																																		
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117	6122 - Black Spruce	Poletimber Medium	41.3	95	51-80	N/A	Black spruce dominated lowlands with cedar in association and in pockets. Wet areas of stunted overstory with tag alder. Component of red maple and birch pole/log with and occasional white pine. Areas of sapling size classes. Areas of open marshy areas.																																																		
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118	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	7.5	185	Unspecified	N/A	Stand data from last inventory.																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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119 4130 - Aspen Sapling Well 19.2 25 1-50 N/A Infrequent pole timber intermixed.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	80	Sapling	3	25	Balsam Fir	Medium	Variable	Sapling
White Spruce	5	Pole/Sapling	5		White Spruce	Medium	Variable	Sapling
Paper Birch	5	Sapling	3					
Black Cherry	10	Sapling	2					

120 4112 - Maple, Beech, Cherry Association Poletimber Well 64.8 95 51-80 N/A Dense regen throughout with pockets of beech and ironwood dominated sapling regen. Occasional dieback in canopy.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	48	Pole/Log	9	95	Beech	Medium	Variable	Sapling
Black Cherry	5	Pole/Log	9		Balsam Fir	Low	Variable	Sapling
Beech	2	Pole	6		Red Maple	Medium	Variable	Sapling
Sugar Maple	45	Pole/Log	9		Black Cherry	High	Variable	Sapling

121 6120 - Lowland Cedar Poletimber Medium 42.1 160 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	90	Pole/Log	9	160	Tag Alder	Medium	Variable	Tall Shrub
Tamarack	5	Pole/Log	9					
Paper Birch	5	Pole/Log	8					

122 629 - Mixed non-forested wetland Nonstocked 5.7 Unspecified No

123 4319 - Mixed Upland Forest Poletimber Well 2.5 70 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	15	Log/Pole	15		Balsam Fir	High	Variable	Pole
Quaking Aspen	3	Pole/Log	9					
Yellow Birch	6	Pole	8					
Sugar Maple	5	Pole	7					
Red Maple	43	Pole/Log	8	70				
Balsam Fir	28	Pole	6					

124 4319 - Mixed Upland Forest Poletimber Medium 1.2 80 81-110 N/A Small stand split by the compartment line.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Pole	7		Red Maple	Low	Variable	Sapling
Quaking Aspen	15	Log/Pole	10		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	26	Pole/Log	8		Balsam Fir	High	Variable	Sapling
Balsam Fir	14	Pole	7					
Red Maple	35	Pole/Log	8	80				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
125	4112 - Maple, Beech, Cherry Association	Sawtimber Well	70.1	95	111-140	N/A	Stand dominated by sugar maple but has a decent component of red maple. MWR site situated within the stand. Some decent quality within the stand. High basal area in areas.																																																			
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126	4130 - Aspen	Sapling Medium	17.4	14	Immature	N/A	Stand treated with a prescribed burn on 5/12/15: FTP 42-630. Site filling in with a mix of aspen, cherry and maple. Variable densities.																																																			
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127	4112 - Maple, Beech, Cherry Association	Poletimber Well	4.8	95	51-80	N/A	Stand part of a larger hardwood stand surrounding it. Stand is part of the Walters Hardwood Regeneration Research Project: Long-term beech regeneration monitoring; up to 20 years (through 2039).																																																			
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128	429 - Mixed Upland Conifers	Sawtimber Medium	38.5	95	51-80	N/A	Stand harvested via Single Tree Selection in 2019: SAGE RIVER MIX 42-021-15. Residual maple with hemlock dominated overtopping a good flush of maple regeneration. Infrequent wet areas slower to regenerate.																																																			
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129	4130 - Aspen	Sapling Well	3.5	2	Immature	N/A	Stand harvested via Clearcut in winter 2021/22: EKG Aspen 42-014-18. Stand regenerating well to aspen with cherry and birch. Scattered spruce, balsam and white pine left as retention.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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130	6120 - Lowland Cedar	Poletimber Medium	36.0	95	81-110	N/A	<p>Low ground but not overly wet, with many areas unsaturated. Stand dominated by moderately to low density pole sized cedar with log hemlock in association; occasional white pine. Healthy class of recruiting red maple with birch and aspen, now 15 - 20' tall throughout. Some sapling balsam and spruce regen in pockets. White pine seedlings on dry ground.</p> <p>Small upland inclusion within the western area of the stand that was treated similarly to the surrounding lowlands and is similar canopy dynamics currently after harvest with a flush of maple regeneration. Stand harvested via "clearcut with retention" in 2019: Sage River Mix 42-021-15.</p>			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Northern White Cedar	65	Pole/Log	8	95		Balsam Fir	Low	Variable	Sapling
	White Pine	10	Log/Pole/XLog	14			White Pine	Medium	< 5 feet	Seeding
	Hemlock	20	Pole/Log	9			Red Maple	High	10 - 20 feet	Sapling
	Red Maple	2	Pole/Log	9			Northern White Cedar	Low	5 - 10 feet	Sapling
	Balsam Fir	3	Pole	6			Paper Birch	Low	10 - 20 feet	Sapling
							Black Spruce	Low	< 5 feet	Sapling

131	4199 - Other Mixed Upland Deciduous	Sapling Medium	5.2	35	1-50	N/A	<p>Stand slowly filling in with maple and cherry with aspen. Open areas dominated by grass and ferns.</p>			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Paper Birch	14	Sapling/Pole	2			Quaking Aspen	Low	5 - 10 feet	Sapling
	Quaking Aspen	23	Sapling/Pole	1			Sugar Maple	Medium	< 5 feet	Seeding
	Black Cherry	29	Sapling/Pole	2	35					
	Sugar Maple	28	Sapling/Pole	2						
	Balsam Fir	2	Sapling/Pole	2						
	Apple (spp.)	4	Sapling	3						