



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41108

Entry Year 2027

Acreage: 1,912

County: Schoolcraft

Management Area: Grand Marais Moraine Complex

Stand Examiner: Mario Molin

Legal Description:

: T47N R13W Sections 16, 17, 21, 28 and 33

Identified Planning Goals:

The main goal in this compartment is to conduct multiple resource management for current and future generations.

Soil and topography:

The topography in this compartment is mostly flat; the soils are mainly Kalkaska and Rubicon sands, which are low in natural fertility. The entire compartment lies within the Kingston Outwash Land Type Association.

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

Ownership in and around the compartment is mainly State lands. There are some seasonal homes near the compartment boundaries.

Unique Natural Features:

Currently under review by Michigan Natural Features Inventory (MNFI).

Archeological, Historical, and Cultural Features:

This area has historic significance. Archeological sites have been found in this area.

Special Management Designations or Considerations:

The East Branch Fox River is the west boundary to the compartment. This river is part of the Fox River Natural River Plan. Any treatment near the river will follow the recommendations found in the plan. There is also a sand trap that is maintained by Fisheries Division in the southwest part of the compartment.

Watershed and Fisheries Considerations:

This compartment contains Kings Pond, Clear Creek, and the East Branch Fox River which serve as tributaries to the Fox River. Clear Creek and the East Branch Fox River are designated Type 1 trout streams less than 50-ft wide that have predicted mean July water temperatures of 59.0 and 59.7°F (cold streams), respectively. Clear Creek and the East Branch Fox River are managed as 'wild-scenic' rivers under authority of the Natural Rivers Act (Part 305, P.A. 451 of 1994). 300-foot buffers are recommended for Clear Creek and the East Branch Fox River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 200-ft, plus 5 feet per 1% increase in slope, riparian management zone is recommended for Clear Creek and the East Branch Fox River to protect these areas in accordance with the Natural Rivers Act and Best Management Practices. Kings Pond is a 6-acre impounded waterbody and is a designated Type A Brook Trout lake. A minimum 100-foot, plus 5 feet per 1% increase in slope, riparian management zone is recommended for Kings Pond to protect shoreland areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

The East Branch of the Fox River forms the western boundary of this compartment. M-77 traverses north to south across the compartment. The first surveyors recorded white pine, red maple, yellow birch, beech and hemlock as the most prevalent trees in the forest of this compartment. Sugar maple, red pine, and white birch were minor components. Mountain ash was a significant component in the understory. Spruce and fir appear to have been the most prominent species in the low lying areas. Current vegetation is substantially altered from pre-settlement days. Pine plantations and grassy openings now dominate the compartment. This compartment lies within a large opening complex corridor. Featured species in this compartment are Eastern bluebird, Kirtland's warbler, red crossbill, sharp-tailed grouse, spruce grouse, and upland sandpiper. Wildlife habitat objectives include consolidating openings as well as plantations into larger habitat blocks, and protecting the East Branch of the Fox River corridor.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Ordovician Collingwood Shale and the Trenton and Black River Groups subcrop

below the glacial drift. The Trenton and Black River are quarried for stone/dolomite in the UP. Gravel pits are not found in the general area, but there may be some potential. There is no commercial oil and gas production in the UP.

Vehicle Access:

Access to the compartment is very good. M-77 runs north and south through the entire compartment. Most of the two-track roads are in good condition.

Survey Needs:

Yes, the Northwest corner of the compartment where stand 6 is will need corners placed, none were located at time of inventory.

Recreational Facilities and Opportunities:

The East Branch of Fox River State Forest Campground is found with the SW1/4 of section 16, the campground offers 19 camp sites, canoeing and fishing opportunities, it is handicap accessible and an easy hiking trail follows around the old ponds. The Danaher Plains ORV Trail has portions of its 29 miles through the compartment. Trail #431 for snowmobile opportunities can be found off the Danaher Plains Road just east of section 33.

Fire Protection:

Fire response to the area will be fairly rapid. Seney station is just south 5 miles from the bottom of the compartment via M-77. The current road system should be sufficient for fire operations. There is no real urban interface problem within the compartment.

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:

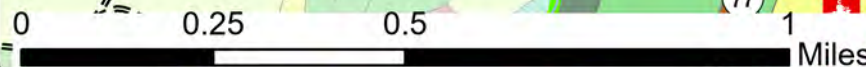
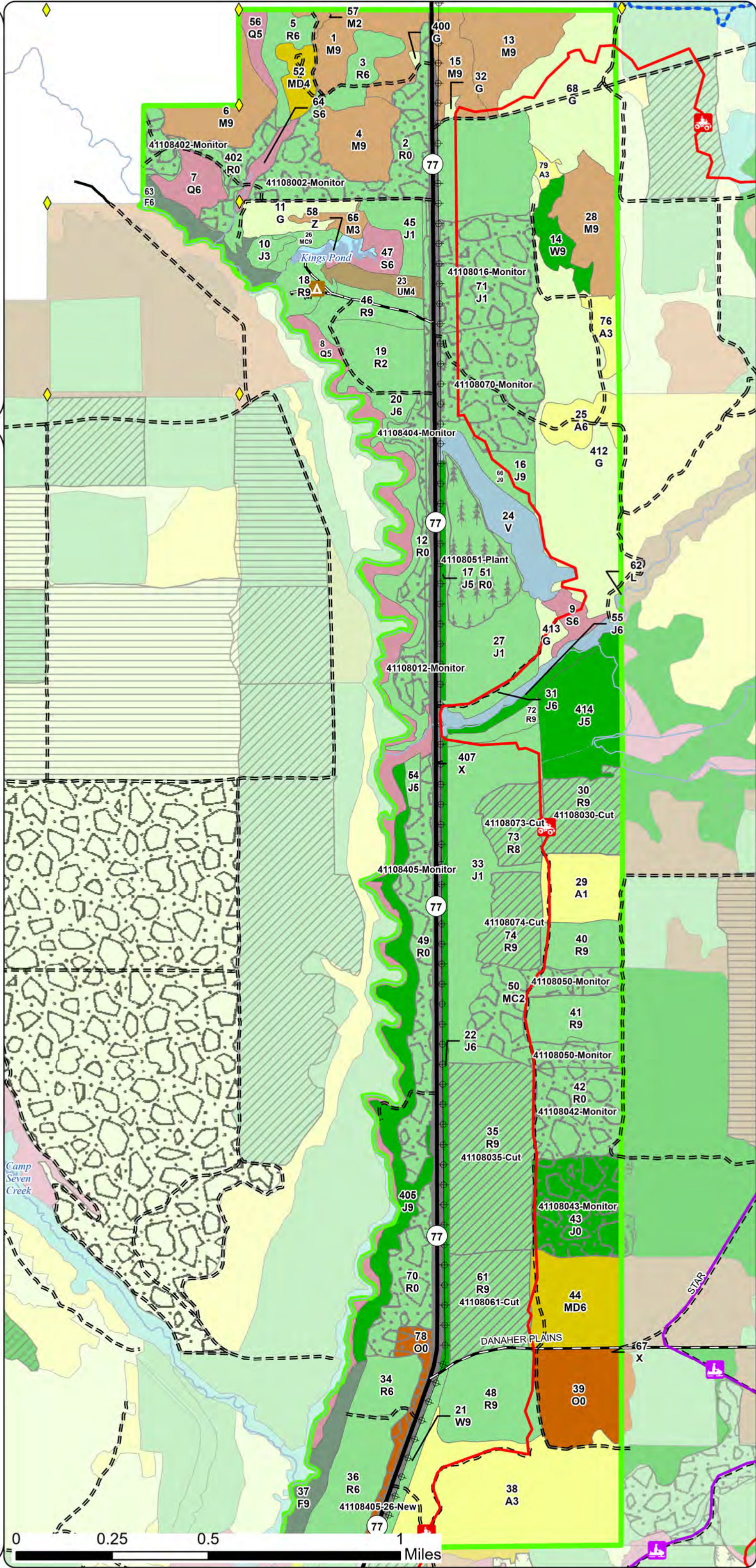
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 41108
T47N,R13W, Sec: 16, 21, 28, 33
County: Schoolcraft
Unit: Shingleton
Mgmt. Area: Grand Marais Moraine Complex
YOE: 2027
Acres: 1,912.42 GIS Calculated
Examiner: Mario Molin
Date Exported: 07/30/2025
Map Phase: Web Post



- Survey Grade Corners
- Campground
- Designated Snowmobile Trails
- Designated ATV Trails
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Powerline
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Thinning
- Planting (tree species)
- Monitoring - Regeneration
- Clearcut
- Thinning
- Planting (tree species)
- Monitoring - Regeneration
- Monitoring
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub

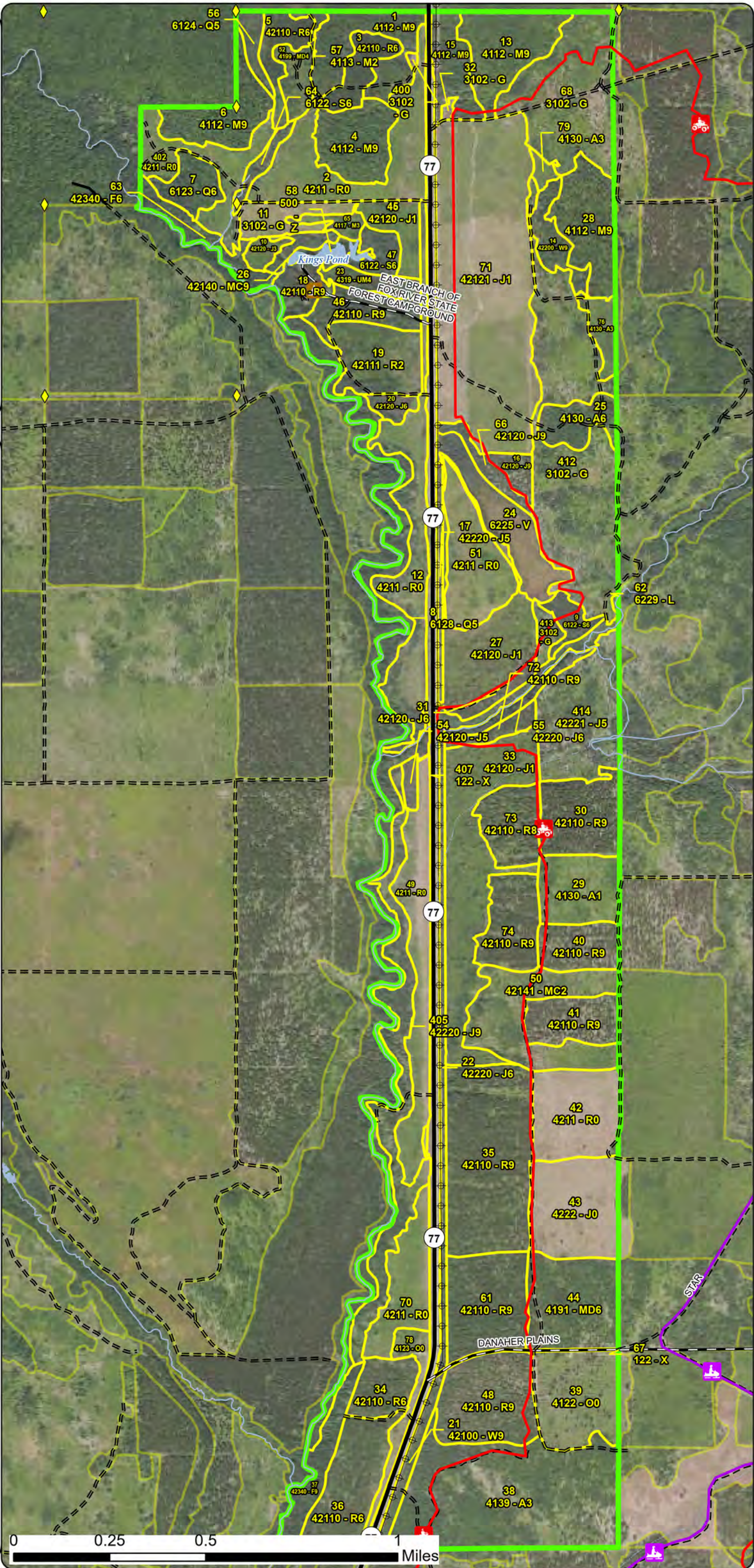


Stand Boundary
Map

Compartment: 41108
T47N,R13W, Sec: 16, 21, 28, 33
County: Schoolcraft
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Mgmt. Area: Grand Marais Moraine
Complex
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- Campground
- Designated Snowmobile Trails
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- Stand Outline
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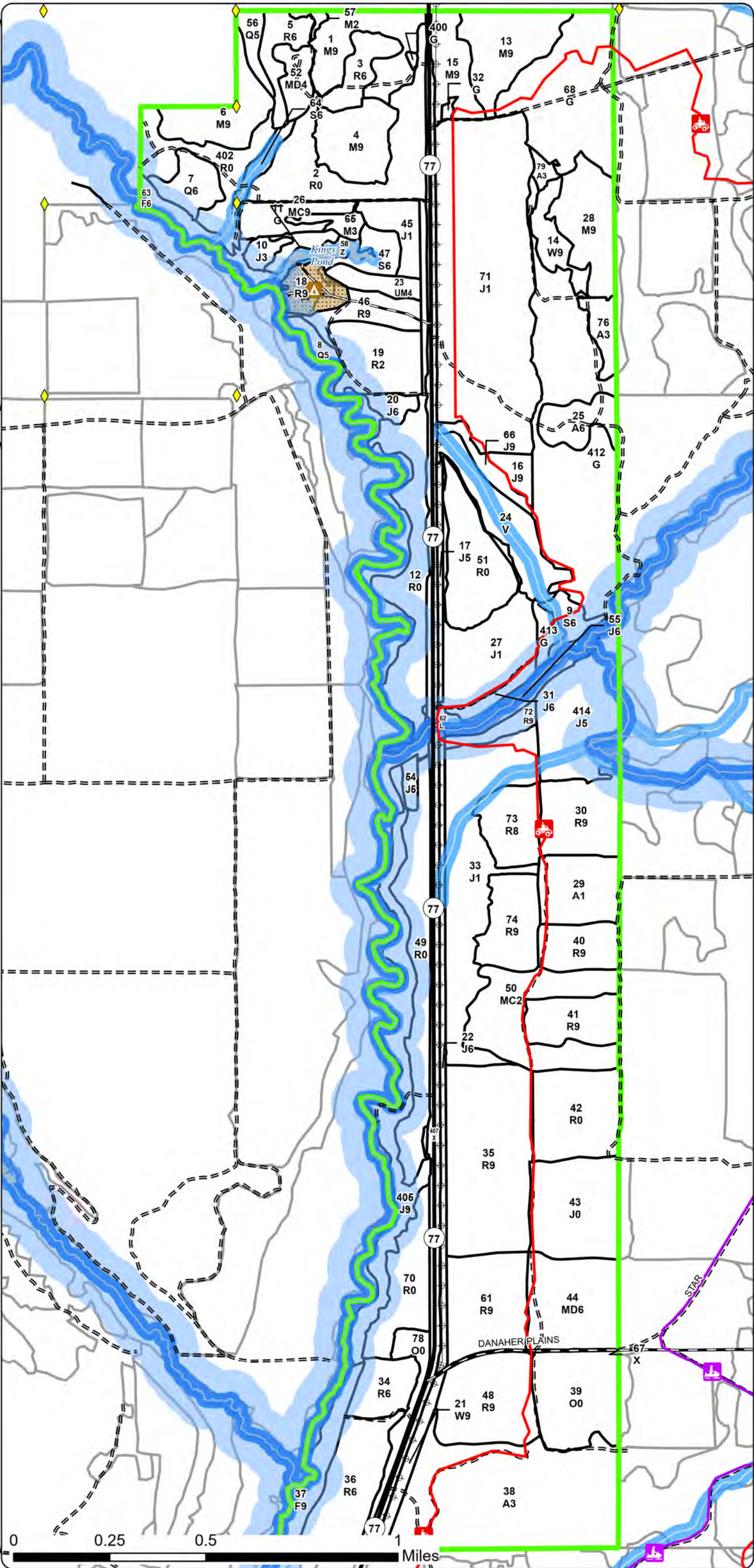


Special Conservation Areas
& Site Conditions Map

Compartment: 41108
T47N,R13W, Sec: 16, 21, 28, 33
County: Schoolcraft
Unit: Shingleton
Mgmt. Area: Grand Marais Moraine
Complex
YOE: 2027
Acres: 1,912.42 GIS Calculated
Examiner: Mario Molin
Date Exported: 07/30/2025
Map Phase: Web Post



- Survey Grade Corners
- Campground
- Designated Snowmobile Trails
- Designated ATV Trails
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Powerline
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- State Forest Campground



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	11	0	99	24	0	14	0	0	0	0	0	0	0	0	0	0	0	148
Bog	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Herbaceous Openland	165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	165
Jack Pine	38	135	116	0	0	25	0	44	25	0	0	0	0	0	0	0	0	48	430
Lowland Conifers	0	0	0	0	6	0	12	0	0	0	0	0	0	0	0	0	0	59	77
Lowland Shrub	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	9	7	0	0	0	0	0	0	0	5	21
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	45
Northern Hardwood	0	0	0	0	2	0	0	17	0	0	0	0	0	0	0	0	0	133	152
Oak	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	42	47
Red Pine	247	0	0	49	0	0	15	95	198	6	10	0	0	0	0	0	0	0	619
Upland Mixed Forest	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30
Urban	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
White Pine	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	11	20
Total	602	146	116	156	32	25	41	156	277	13	24	0	0	0	0	0	0	328	1914



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 108
Total Compartment Acres: 1,912

Commercial Harvest - 19
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 153

Cover Type by Harvest Method

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Red Pine		0	0	0	0	0	172	0	0	0	172
	Total	0	0	0	0	0	172	0	0	0	172

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		172	0	31	0	0	0	376	0	0	580
Next Step		0	0	0	0	0	62	126	64	0	252
	Total	172	0	31	0	0	62	502	64	0	832



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:

30	41108030-Cut	27.0	42110 - Planted Red Pine	9	64	111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
<u>Prescription</u> Remove up to 1/3 BA <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
35	41108035-Cut	69.0	42110 - Planted Red Pine	9	77	111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
<u>Prescription</u> Remove up to 1/3 the BA <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
61	41108061-Cut	34.7	42110 - Planted Red Pine	9	77	111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
<u>Prescription</u> Remove up to 1/3 of the BA <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
73	41108073-Cut	19.3	42110 - Planted Red Pine	8	75	111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Remove up to 1/3 the BA <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											

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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
74 41108074-Cut	22.3	42110 - Planted Red Pine	9	75	111-140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
<u>Prescription</u> Remove up to 1/3 the BA <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
49 41108405-26-New	10.5	4211 - Planted Red Pine	0	2	Immature	Monitoring	Monitoring - Regeneration	4310 - Pine, Oak Mix	Planting Record	No
<u>Prescription</u> check for regen. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Any species, mainly oak, mixed pine. but also aspen, maple. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2016										

Approved Treatments:

2 41108002-Monitor	44.9	4211 - Planted Red Pine	0	1	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Red pine. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025										



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
12	41108012-Monitor	12.7	4211 - Planted Red Pine	0	1	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Red pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025											
71	41108016-Monitor	44.6	42121 - Planted Jack Pine, Mixed Deciduous	1	5	Immature	Monitoring	Monitoring - Regeneration	42120 - Planted Jack Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Jack Pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025											
42	41108042-Monitor	33.4	4211 - Planted Red Pine	0	1	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Red pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025											
43	41108043-Monitor	37.7	4222 - Natural Jack Pine	0	1	Immature	Monitoring	Monitoring - Regeneration	4212 - Planted Jack Pine	Planting Record	No
<u>Prescription</u> regenerate jack pine. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> jack pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024											

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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
50 41108050-Monitor	40.3	42141 - Planted Mixed Pine, Mixed Deciduous	2	17	1-50	Monitoring	Monitoring - Regeneration	4222 - Natural Jack Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> ; ; Pesticide, (Inactive)Skidder/Mechanical <u>Treatments:</u> <u>Acceptable</u> Jack pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2017										
51 41108051-Plant	31.0	4211 - Planted Red Pine	0	0	Immature	Planting		4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> ; Monitoring, Artificial Regen; Monitoring, Artificial Regen (3yr) <u>Treatments:</u> <u>Acceptable</u> Red Pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024										
71 41108070-Monitor	48.5	42121 - Planted Jack Pine, Mixed Deciduous	1	5	Immature	Monitoring	Monitoring - Regeneration	42220 - Natural Jack Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Jack Pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2022										
402 41108402-Monitor	22.1	4211 - Planted Red Pine	0	1	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> Pesticide, (Inactive)Aerial <u>Treatments:</u> <u>Acceptable</u> Red Pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025										



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
12	41108404-Monitor	17.8	4211 - Planted Red Pine	0	1	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Red pine. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025											
405	41108405-Monitor	63.8	42220 - Natural Jack Pine	9	65	51-80	Monitoring	Monitoring - Regeneration	42110 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> Other, Pre-Commercial Thinning - Hand; ; ; Monitoring, Artificial Regen (3yr) <u>Treatments:</u> <u>Acceptable</u> Red pine w/component of oak <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024											

Total Treatment 579.6
Acreage Proposed:



Availability for Management

Total Acres Acres Available Acres With Condition Acres Not Available

Dominant Site Conditions

5C 1A 1C 3D 3J 5E

147	147	0	0	Aspen						
26	26	0	0	Bog						
161	160	0	1	Herbaceous Openland					1	
379	311	6	62	Jack Pine	6	25			30	7
72	18	0	55	Lowland Conifers		55				
10	0	0	10	Lowland Shrub		9			1	
16	5	0	11	Lowland Spruce/Fir				9	2	
46	46	0	0	Mixed Upland Deciduous						
150	106	0	44	Northern Hardwood			44			
46	46	0	0	Oak						
45	42	0	4	Planted Mixed Pines				4		
559	531	0	28	Red Pine		15		7	4	2
8	8	0	0	Upland Mixed Forest						
16	0	0	16	Upland Spruce/Fir		11			5	
65	65	0	0	Urban						
5	5	0	0	Water						
20	20	0	0	White Pine						
1,771	1,535	6	230	Total Forested Acres	6	114	44	20	43	9
	87%	0%	13%	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	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable		1A: Federal/State/Local Law	92	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: Fox River Natural River 100' zone. The fox river buffer is also the retention for stands 405, 28,12 and 404								
2	Unavailable		1A: Federal/State/Local Law	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Fox River Natural River 100' zone.								

Report 4 – Site Conditions



3	Unavailable	3D: Recreational/scenic values	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Campground							
4	Unavailable	3D: Recreational/scenic values	4	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Area used by campground, has hiking trail and is buffering Kings pond.							
5	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	1C: Other Dept. or Div. process	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



11	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3D: Recreational/scenic values	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	10	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: The fox river buffer is also the retention for stands 405, 28,12 and 404							
14	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	23	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: The fox river buffer is also the retention for stands 405, 28,12 and 404							
15	Unavailable	1C: Other Dept. or Div. process	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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
East Branch of Fox River Campground	Concentrated Recreational Area	State Forest Campground	SCA	11
Comments				





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
14	42200 - Natural White Pine	Sawtimber Well	11.2	95	51-80	N/A	TS: 41-041-17 unit 11																																													
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15	4112 - Maple, Beech, Cherry Association	Sawtimber Well	16.8	65	81-110	N/A																																														
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16	42120 - Planted Jack Pine	Sawtimber Well	5.6	76	81-110	N/A																																														
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17	42220 - Natural Jack Pine	Poletimber Medium	5.7	40	51-80	N/A																																														
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[10/03/2011 JB] INMATES WILL BE USED TO REMOVE SCOTCH PINE. See W41-12942015: Stand is a wind break and a visual buffer																																																				
18	42110 - Planted Red Pine	Sawtimber Well	10.3	92	81-110	N/A	Campground																																													
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19	42111 - Planted Red Pine, Mixed Deciduous	Sapling Medium	25.2	24	Immature	N/A	2015: State Game Fund land so no further action will be done to grow red pine.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Pin Cherry</td><td>20</td><td>Log</td><td>3</td><td>24</td></tr><tr><td>Red Pine</td><td>80</td><td>Log</td><td>3</td><td>24</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Pin Cherry	20	Log	3	24	Red Pine	80	Log	3	24																														
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[8-26-09] Helicopter release spray to release rp regen in stand 19 and 7 on about 23 acres. Check regen in 2011 for release effectiveness. [6-30-10] Received Pesticide Use Eval. Report = cherry 70% controled and aspen 50% controlled. Needs future checks for effectiveness in 2011 (5/8/12) About half cherry killed much of maple is still alive.																																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
20	42120 - Planted Jack Pine	Poletimber Well	4.7	48	81-110	N/A																																														
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21	42100 - Planted White Pine	Sawtimber Well	8.7	92	51-80	N/A	[2-19-08] Added factor limit to get off of the POW. There is not enough volume for the inmates to harvest as part of a commercial timber sale. Any work will be done under a FTP. [4-7-08] Deleted factor limit per discussion with Donovan.																																													
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23	4319 - Mixed Upland Forest	Poletimber Poor	8.4	26	1-50	N/A	2025: Stand is 1/2 planted red pine and 1/2 natural hard maple where planting failed. (4/28/09 AP) 2009 regen count: 386 red pine, 36 jack pine. Recommendation: Fill in existing trenches with red pine (estimate 6,000 trees). Survival may be low since there is an existing grass mat. Red pine release is a medium priority. Release should be done manually with inmates and chainsaws if available. Competition is cherry and maple. Since adjacent site is high priority to release, I would recommend releasing this site as well.[8-26-09] Helicopter release spray to release rp regen. [6-30-10] Received Pesticide Use Eval. Report = cherry 70% controlled and aspen 50% controlled. Needs future checks for effectiveness. Replant in existing trenches as recommended by (4/28/09 AP) comments. (5/8/12) About 1/2 cherry killed much of maple is still alive2015: Site appears to be about 50% stocked with heavy competition from maple.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>50</td><td>Pole</td><td>4</td><td>26</td></tr><tr><td>Red Pine</td><td>50</td><td>Sapling</td><td>5</td><td>26</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	50	Pole	4	26	Red Pine	50	Sapling	5	26																																				
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24	6225 - Bog	None	25.7			No																																														
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25	4130 - Aspen	Poletimber Well	13.5	59	1-50	N/A	2025: Hold till next entry, allow adjacent stand to establish and create a different age class. 2015: stand does not appear to have changed much since last inventory. If markets materialize, perhaps next entry stand could be chipped, as of now most of the stand is non merchantable.																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>3</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>2</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Quaking Aspen</td><td>95</td><td>Seedling</td><td>8</td><td>59</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	3	Seedling	6		White Pine	2	Seedling	8		Quaking Aspen	95	Seedling	8	59	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Scotch Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Variable	White Pine	Low	Variable	Variable	Black Cherry	Low	Variable	Variable	Scotch Pine	Low	Variable	Variable
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26	42140 - Planted Mixed Pine	Sawtimber Well	5.1	92	81-110	N/A	2015: stand is being left uncut for ts proximity to the East branch river and for aesthetics/trail use for the campground.																																					
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27	42120 - Planted Jack Pine	Sapling Poor	34.7	15	Immature	N/A	[5/22/08] Under contract TS# 41-021-07-01 Lunch Can't Wait Pine. See also FTP C41-1344 (jack pine regeneration.) Residual BA: Red pine = 16 sq.ft./acre. [6-7-10] Sale is now closed/completed TCR dtd 6-3-10. [6/6/11 JB] On Don's 2011 planting list. [4-23-11 JB] stand was planted. Check in 2012. North part of this stand scarified by DNR in 2012 at a cost of \$2073. Check regeneration in 2018, 636 TPA.																																					
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29	4130 - Aspen	Sapling Poor	24.0	30	1-50	N/A	[2-19-08] Added factor limit to get off of the POW. There is not enough volume for the inmates to harvest as part of a commercial timber sale. Any work will be done under a FTP. [4-7-08] Deleted factor limit per discussion with Donovan. [10/03/2011 JB] OPENING MAINTENANCE USING INMATES REMOVE ALL TREES TO OPEN AREA UP. DO NOT CUT JUNE BERRY OI is coded for cleaning and weeding, but opening maintenance is what the intent is. See FTP W41-1293																																					
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30	42110 - Planted Red Pine	Sawtimber Well	27.0	64	111-140	N/A	[5/22/08] Under contract TS# 41-021-07-01 Lunch Can't Wait Pine. Residual BA: Red pine - 85 sq.ft./acre. [6-7-10] Sale is now closed/completed TCR dtd 6-3-10. 2015: BA is high enough to thin...was just cut in 2010 so wait for next entry to thin.																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>100</td><td></td><td>12</td><td>64</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	100		12	64	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	5 - 10 feet																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
44	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	36.3	75	1-50	N/A	2015: Mixed stand of everything that is naturally coming in.																																																							
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45	42120 - Planted Jack Pine	Sapling Poor	11.7	15	Immature	N/A	[5/22/08] Under contract TS# 41-021-07-01 Lunch Can't Wait Pine. See also FTP C41-1344 (jack pine regeneration.) Residual BA: Red pine - 2, white pine - 8; total = 10 sq.ft./acre. [6-7-10] Sale is now closed/completed TCR dtd 6-3-10. [6/6/11 JB] On Don's 2011 planting list. [4-23-11 JB] stand was planted. Check in 2012. Stand passed regeneration count in 2014 at 731 trees per acre, FTP is closed for stand.																																																							
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46	42110 - Planted Red Pine	Sawtimber Well	15.9	76	81-110	N/A	Entrance to campground, leave for esthetics.																																																							
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47	6122 - Black Spruce	Poletimber Well	8.9	76	111-140	N/A	2015: This stand is what was left over from 2 harvests surrounding it, small amounts of jack pine are on the edge in the more upland areas. stand boundary against the cut lines is generally the hiking trail. Recommend leaving this stand for aesthetics/recreational use because of the trail and campground.																																																							
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48	42110 - Planted Red Pine	Sawtimber Well	36.2	75	81-110	N/A	TS:41-041-17 unit 12025: hold off on harvesting until the planted stands on the highway establish																																																							
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49	4211 - Planted Red Pine	Unspecified	39.6	2	Immature		TS: 41-027-17 unit 4Stand was roller chopped in 2023. Trenching moved to 2024 due to equipment break down and repairs.Trenching completed on 4/26/24. Site Prep Sprayed summer 2024. Planted summer 25																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
50	42141 - Planted Mixed Pine, Mixed Deciduous	Sapling Medium	41.7	17	1-50	N/A	2025: Stand is a mix of natural and multiple plantings, it's a mix of aspen, red pine and jack pine.[2-19-08] Added factor limit to get off of the POW. There is not enough volume for the inmates to harvest as part of a commercial timber sale. Any work will be done under a FTP C41- 1292.[4-7-08] Deleted factor limit per discussion with Donovan. [5/3/08 jb] Red pine planted 1151t/a.[5/17/08 jb] Red pine planted, needs regen check in 2009. [5/17/11 JB] 3 rd year regen count was 373 trees per acre at an average height of 0.7 inches. Aspen competition may be a problem. Should replant and herbicide until a sufficient amount is regenerating.Stand failed regeneration count in 2014 at 443 trees per ac needs to be replanted.Replanted summer 2016 to Red pine.																																																			
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51	4211 - Planted Red Pine	Unspecifed	31.0	0	Immature		TS: 41-041-17 unit 7Roller chopped and trenched in 2023.Site-prep Sprayed summer 2024. Stand was partially plabted summer 25, will get fully planted in 26.																																																			
52	4199 - Other Mixed Upland Deciduous	Poletimber Poor	9.2	75	1-50	N/A	2015: Stand has filled in to the point of no longer being considered a G-type, lots of cherry and scattered white pine and maple.																																																			
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54	42120 - Planted Jack Pine	Poletimber Medium	3.2	48	51-80	N/A	Lots of blow down																																																			
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55	42220 - Natural Jack Pine	Poletimber Well	6.7	75	81-110	N/A	[4-29-07] Retention for 41-012-07-01 is located within this stand. It can't be harvested until the stands to the south have matured (stand 33 2007 YOE). 2015: Stand can not be harvested it is entirely in the Fox river buffer zone.																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>70</td><td></td><td>10</td><td>75</td></tr><tr><td>Black Spruce</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Red Pine</td><td>20</td><td></td><td>12</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	70		10	75	Black Spruce	10	Seedling	8		Red Pine	20		12		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Jack Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	Variable	Variable	Jack Pine	Low	Variable	Variable	Black Spruce	Medium	Variable	Variable																		
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56	6124 - Lowland Spruce-Fir	Poletimber Medium	6.0	31	1-50	N/A																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
66	42120 - Planted Jack Pine	Sawtimber Well	6.8	76	81-110	N/A	2025: This is 2 small stands that are combined because they are too small to stand alone. They both serve the same purpose of retention/river buffer and cannot e harvested.
<div>Canopy Species% CoverSize ClassDBH Age</div>		<div>Sub-Canopy SpeciesDensityAvg. HeightSize</div>					
<div>Black Spruce40Seedling6</div>		<div>Black CherryLowVariableVariable</div>					
<div>Jack Pine60</div>		<div>Red MapleLowVariableVariable</div>					
		<div>Paper BirchLowVariableVariable</div>					
67	122 - Road/Parking Lot	None	1.6			No	
68	3102 - Grass	None	54.5			No	
		<div>Sub-Canopy SpeciesDensityAvg. HeightSize</div>					
		<div>Red MapleLowVariableVariable</div>					
		<div>White PineLowVariableVariable</div>					
		<div>Quaking AspenLowVariableVariable</div>					
		<div>Pin CherryLowVariableVariable</div>					
70	4211 - Planted Red Pine	Unspecifed	24.7	2	Immature		TS: 41-027-17 unit 4Stand was roller chopped in 2023. Trenching moved to 2024 due to equipment break down and repairs.Trenching completed on 4/26/24. Site Prep Sprayed summer 2024. Planted summer 25
71	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Poor	134.8	5	Immature	N/A	TS: 41-041-17 unit 10 Stand was trenched summer 2022 by dnr staff. Planted and passed 1st year check in 23
<div>Canopy Species% CoverSize ClassDBH Age</div>							
<div>Quaking Aspen25Log1</div>							
<div>Jack Pine75Log15</div>							
72	42110 - Planted Red Pine	Sawtimber Well	6.1	85	111-140	N/A	2015: split from parent stand 33.
<div>Canopy Species% CoverSize ClassDBH Age</div>							
<div>Red Pine100</div>							
73	42110 - Planted Red Pine	Sawtimber Medium	19.3	75	111-140	N/A	2015: Split this stand off of the parent stand (33).
<div>Canopy Species% CoverSize ClassDBH Age</div>							
<div>Red Pine100</div>							
74	42110 - Planted Red Pine	Sawtimber Well	22.3	75	111-140	N/A	2015: Split off from the parent stand (33)
<div>Canopy Species% CoverSize ClassDBH Age</div>		<div>Sub-Canopy SpeciesDensityAvg. HeightSize</div>					
<div>Red Pine100</div>		<div>Red MapleLow< 5 feet< 5 feet</div>					
		<div>Jack PineLow< 5 feet< 5 feet</div>					
76	4130 - Aspen	Sapling Well	8.0	3	Immature	N/A	TS: 41-041-17 unit 13
<div>Canopy Species% CoverSize ClassDBH Age</div>							
<div>Quaking Aspen100Log13</div>							





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
414	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Medium	42.1	45	1-50	N/A	

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	30	Sapling	5		Red Maple	Medium	Variable	Variable
Jack Pine	70	Sapling	6	45	White Pine	Medium	Variable	Variable
					Quaking Aspen	Medium	Variable	Variable
					Pin Cherry	Medium	Variable	Variable