

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.

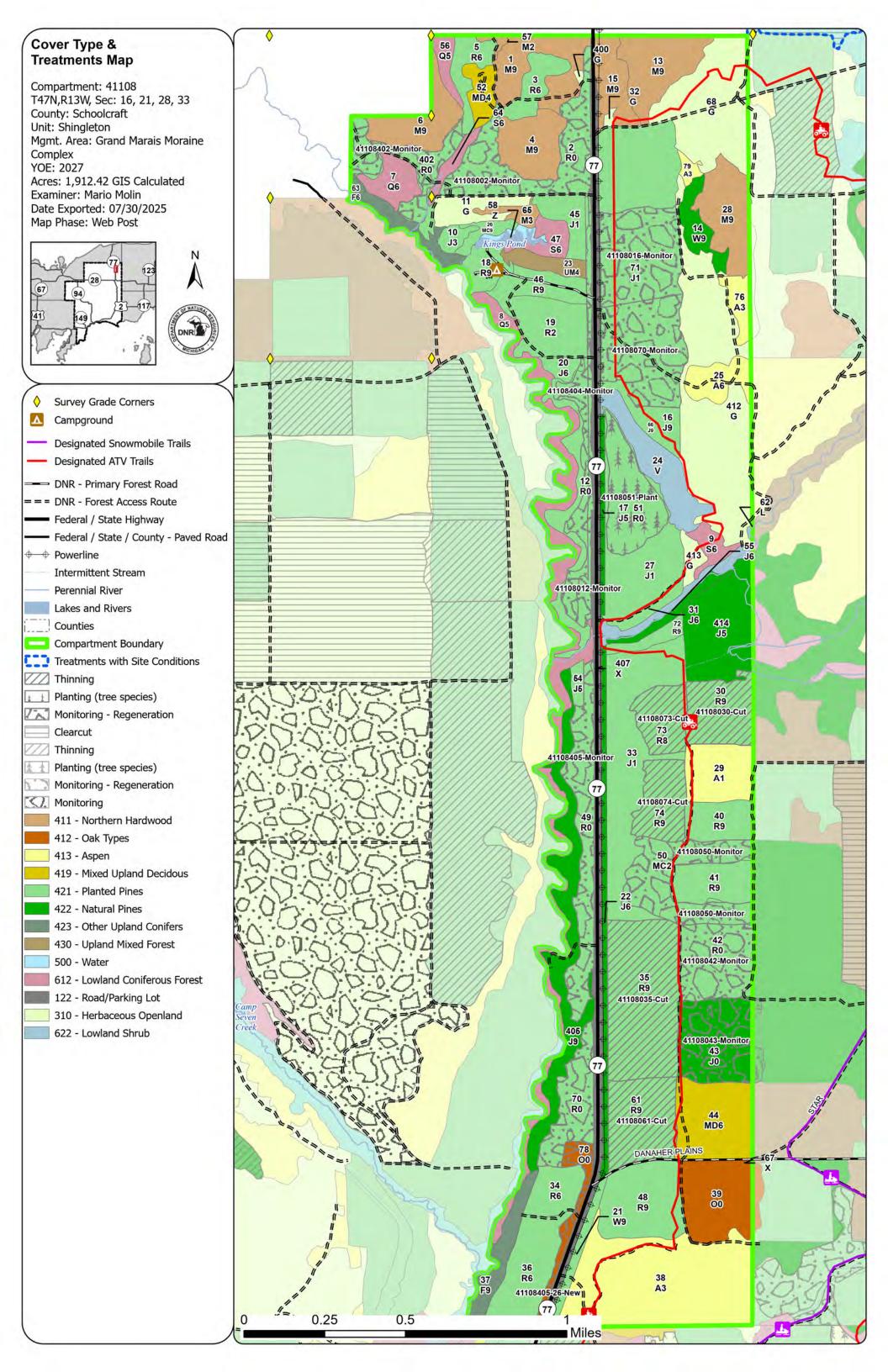
Additional Compartment Information:

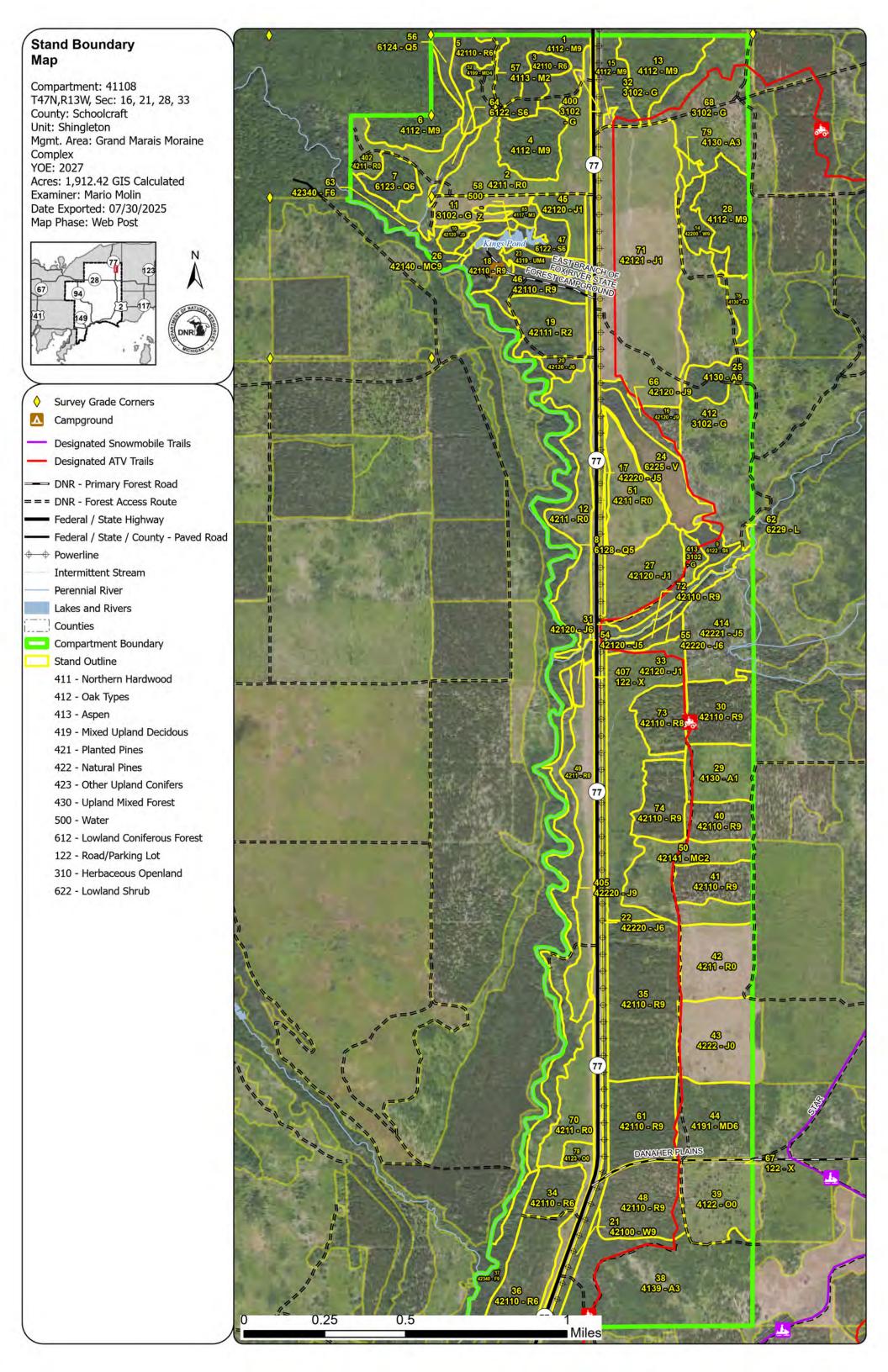
The following reports from the Inventory are attached:

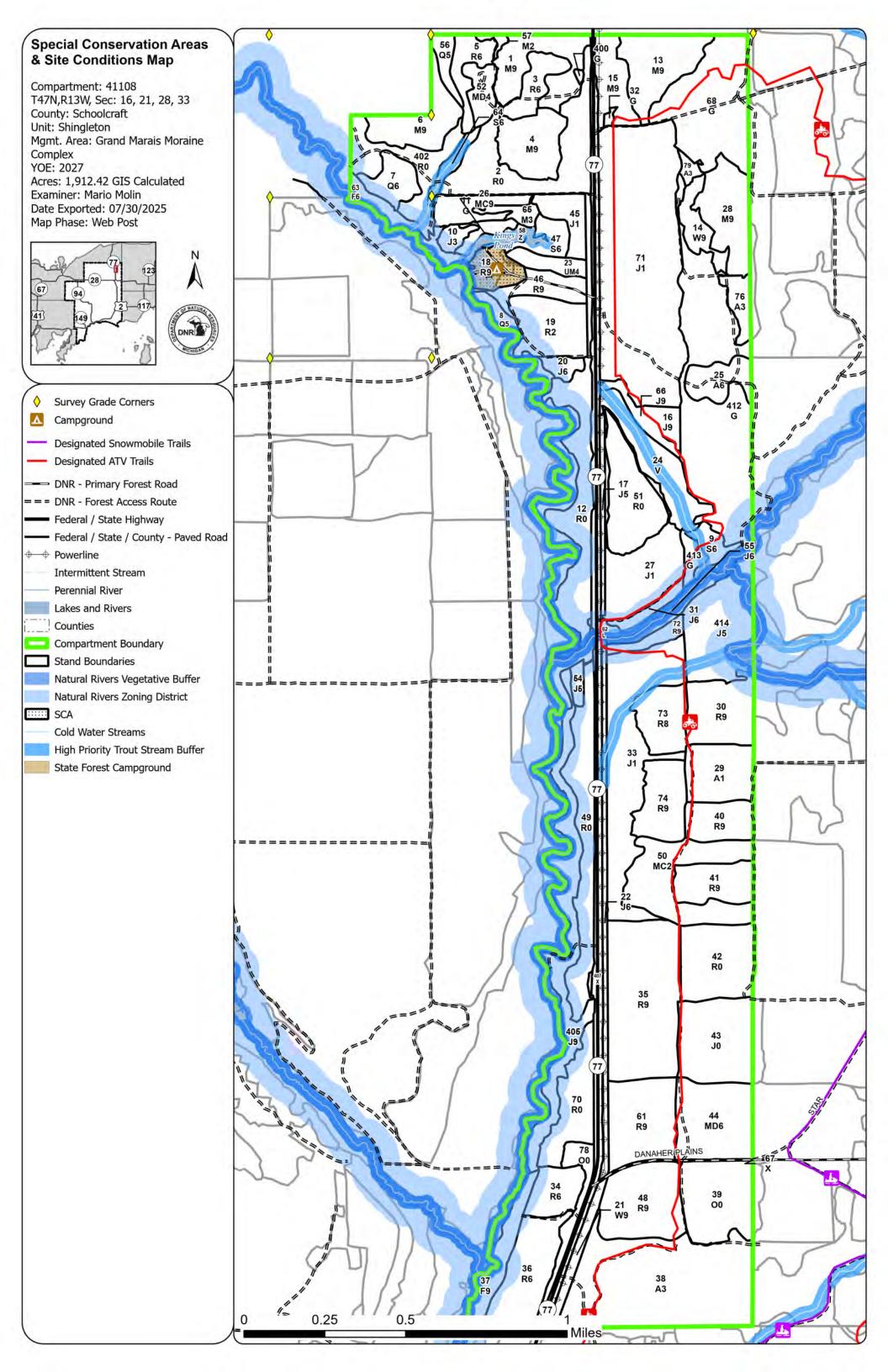
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Shingleton Mgt. Unit
Mario Molin: Examiner



Age Class

	Į gr	Ko Karana	3 / 2		P &	3/8	S G	3/8		\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	a a	8 /8	a 'a'	2 /s		No. of the second	NE / E	A Real	La L
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

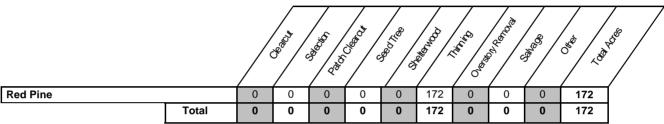
Shingleton Mgt. Unit Year of Entry: 2027

Acres of Harvest

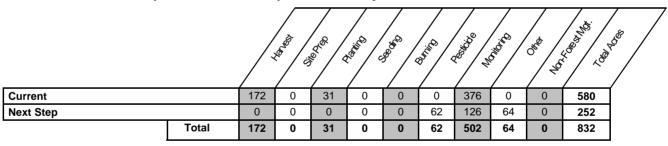
Compartment 108
Total Compartment Acres: 1,912

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

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



S t	\$	Shingleto		Repoi	rt 3 ⁻	Treatments		Compartmen Year of Entr		DNR MICHGAN	
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
ropose	ed Treatmen	<u>ts:</u>									
30 Pres	41108030-Cut		42110 - Planted Red Pine 3 BA	9	64	111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
Spec Next		·									
Acce Reg	eptable en:										
Othe Com	<u>er</u> nment:										
	Condition: bosed Start Date	<u>:</u> 10/01/2	026								
35	41108035-Cut	69.0	42110 - Planted Red Pine	9	77	111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
Pres Spec	scription Remov cs:	e up to 1/3	3 the BA								
	t Step atments:										
Acce Reg	eptable en:										
Othe Com	<u>er</u> nment:										
	Condition:										
Prop	oosed Start Date	10/01/2	026								
	41108061-Cut		Red Pine	9	77	111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
Spe		e up to 1/3	3 of the BA								
Trea	t Step atments:										
Acce Reg											
Com	Condition:										
	oosed Start Date	: 10/01/2	026								
	41108073-Cut			8	75	111- 140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
Pres Spec	scription Remov cs:	e up to 1/3	3 the BA								
	t Step atments:										
Acce Reg	eptable en:										
	nment:										
	Condition: cosed Start Date	<u>:</u> 10/01/2	026								

Shingleton Mgt. Unit Report 3 -- Treatments Compartment: 41108 S Year of Entry: 2027 t а Size ВА **Treatment Treatment Cover Type Treatment** Acres Stand Stand Age Habitat n Method Objective Structure Name Density CoverType Age Range Type Cut d 74 41108074-Cut 22.3 42110 - Planted 111-Harvest Thinning 4211 - Planted **Planting** Yes Red Pine Red Pine 140 Record Prescription Remove up to 1/3 the BA Specs: Next Step **Treatments:** <u>Acceptable</u> Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2026 41108405-26-10.5 4211 - Planted Red Monitoring -4310 - Pine. 0 Immatu Monitoring **Planting** No New Pine Regeneration Oak Mix Record Prescription check for regen. Specs: Next Step Treatments: Acceptable Any species, mainly oak, mixed pine. but also aspen, maple. Regen:

Approved Treatments:

Proposed Start Date: 10/01/2016

Percent to Treat = 100%

Other

Comment:
Site Condition:

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

	ngleton Mgt. Unit		Repo	rt 3 1	Freatments		Compartmen		OF NATURAL S
S t							Year of Entry	y: 2027	DNR
a n Treatment A d Name	cres 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	Immatu re	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
Prescription Specs:									
Next Step Treatments:									
Acceptable Red pine Regen:									
Other Percent to Comment:	Treat = 100%								
Site Condition:	40/04/0005								
Proposed Start Date: 1									
71 41108016- Monitor	44.6 42121 - Planted Jack Pine, Mixed Deciduous	1	5	Immatu re	Monitoring	Monitoring - Regeneration	42120 - Planted Jack Pine		No
Prescription Specs:									
Next Step Treatments:									
Acceptable Jack Pine Regen:									
Other Percent to Comment:	Treat = 100%								
Site Condition:									
Proposed Start Date: 1	10/01/2025								
42 41108042- Monitor	33.4 4211 - Planted Red Pine	0	1	Immatu re	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
Prescription Specs:									
Next Step Treatments:									
Acceptable Red pine Regen:									
Other Percent to Comment:	Treat = 100%								
Site Condition:									
Proposed Start Date: 1	10/01/2025								
43 41108043- Monitor	37.7 4222 - Natural Jack Pine	0	1	Immatu re	Monitoring	Monitoring - Regeneration	4212 - Planted Jack Pine	Planting Record	No
Prescription regenerate Specs:	e jack pine.								
Next Step Treatments:									
Acceptable jack pine. Regen:									
Other Comment:									
Site Condition:									

Proposed Start Date: 10/01/2024

Proposed Start Date: 10/01/2025

Site Condition:

s		Shingletor	n Mgt. Unit		Repo	rt 3 1	Freatments		Compartmen Year of Entry		OF NATURAL PROPERTY OF THE PRO
t									1001 01 2111.	y. 2 02.	DNR
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 4	211 - Planted Red Pine	0	1	Immatu re	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
Next Treat Acce Rege Other Comm	Step ments: ptable Red pi	nt to Treat =									
405	41108405-	63.8	42220 - Natural	9	65	51-80	Monitoring	Monitoring -	42110 - Planted		No
Preso Spec	Monitor cription s:		Jack Pine					Regeneration	Red Pine		
	Step Other, ments:	Pre-Comm	nercial Thinning - Ha	ınd; ; ;	; Moni	toring, Art	ificial Regen (3yr	r)			
Acce Rege	<u>ptable</u> Red pi n:	ne w/comp	onent of oak								
Other Comr	<u>r</u> Percer ment:	nt to Treat =	= 100%								
Site 0	Condition:										

Total Treatment 579.6 Acreage Proposed:

Proposed Start Date: 10/01/2024

Report 4 – Site Conditions

Shingleton Mgt. Unit Mario Molin: Examiner Compartment: 108
Year of Entry: 2027



Availability for Management

Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	dition	s	
Acres	Available	With Condition	Not Available		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 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 Ri	ver 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 Ri	ver 100' zone.					

Report 4 – Site Conditions

Shingleton Mgt. Unit Mario Molin: Examiner



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 camp	oground, has hiking trail and is b	ufferin	g 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:						
	2025 9:27:02 DM Dog						TOOLE

Report 4 – Site Conditions

Shingleton Mgt. Unit Mario Molin: Examiner



1	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
2	Unavailable	3D: Recreational/scenic values	9	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
3	Unavailable	3J: Water quality/BMPs	10	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
		(stream, river, or lake)					
	Comments: The fox river buffer	is also the retention for stands	405, 28	8,12 and 404			
-		, , ,	405, 28 23	8,12 and 404 5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
14	Unavailable Comments:	is also the retention for stands 3J: Water quality/BMPs	23	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
14	Unavailable Comments:	is also the retention for stands 3J: Water quality/BMPs (stream, river, or lake)	23	5E: Long-Term Retention	Unspecified	Unspecified Unspecified	Unspecified Unspecified
14	Unavailable Comments: The fox river buffer	3J: Water quality/BMPs (stream, river, or lake) is also the retention for stands 1C: Other Dept. or Div.	23	5E: Long-Term Retention 8,12 and 404	·	·	
14 (-	Unavailable Comments: The fox river buffer Unavailable	3J: Water quality/BMPs (stream, river, or lake) is also the retention for stands 1C: Other Dept. or Div.	23	5E: Long-Term Retention 8,12 and 404	·	·	

Shingleton Mgt. Unit Compartment: 108
Year of Entry: 2027

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				



Stand	d Level 4 C	over Type		Size Dens	sity	Acres	Stand Age E	BA Range	Managed Sit	te	General Comments
1	4112 - Maple, Beed	ch, Cherry A	ssociation	Sawtimber	Well	26.8	95	81-110	N/A		TS: 41-027-17 unit 7
	Canopy Species	% Cover	Size Class	DBH A	\ge	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Black Cherry	10		10		Sug	ar Maple	Medium	Variable	Variable	
	Balsam Fir	5	Seedling	6		Re	d Maple	Medium	Variable	Variable	
	Sugar Maple	55		10	95						-
	Red Maple	30		10							
2	4211 - Plai	nted Red Pi	ne	Unspecif	ed	44.9	1	Immature			TS: 41-027-17 unit 9roller chopped and trenched summer 2022. Sprayed in spring 2023Planted to RP spring 241st year check passed summer 24, 693 TPA
3	42110 - Pla	nted Red P	ine	Poletimber	Well	12.2	28	1-50	N/A		[7/18/07 JB] inmates were used to release red pine. Needs survival
	Canopy Species	% Cover	Size Class	DBH A	Age						check on rp in 2011
	Red Pine	95	Seedling		28						
	Pin Cherry	5	Log	2							
4	4112 - Maple, Beed	ch, Cherry A	ssociation	Sawtimber	Well	23.4	95	81-110	N/A		TS: 41-027-17
	Canopy Species	% Cover	Size Class	DBH A	\ge	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	60		10	95	Sug	ar Maple	High	Variable	Variable	
	Red Maple	35		10	95	Re	d Maple	High	Variable	Variable	
	Black Cherry	5		12							_
5	42110 - Pla	nted Red P	ine	Poletimber	Well	11.8	28	1-50	N/A		[7/18/07 JB] inmates were used to release red pine. Needs survival
	Canopy Species	% Cover	Size Class	DBH A	\ge	Sub-Car	nopy Species	Density	Avg. Height	Size	check in 2011.
	Red Pine	95	Seedling	6	28	Pin	Cherry	Medium	Variable	Variable	2015: Broken up plantation, densities vary as does the size.
	Pin Cherry	5	Log	3							_
6	4112 - Maple, Beed	ch, Cherry A	ssociation	Sawtimber	Well	22.4	95	81-110	N/A		TS: 41-027-17 unit 7
	Canopy Species	% Cover	Size Class	DBH A	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Pine	2		12		Sug	ar Maple	High	Variable	Variable	
	Black Cherry	10		10		Re	d Maple	Medium	Variable	Variable	
	Sugar Maple	25		12							
	Red Maple	63		10	95						
7	6123 - L	owland Fir		Poletimber	Well	11.9	55	51-80	N/A		
	Canopy Species	% Cover	Size Class		Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Seedling				sam Fir	Medium	< 5 feet	< 5 feet	
	Black Spruce	25	Seedling			Wh	ite Pine	Medium	< 5 feet	< 5 feet	
	White Pine	5	Seedling								
	Black Cherry	5	Seedling								
	Balsam Fir	55	Seedling	6	55						



Stand	d Level 4 C	over Type		Size De	ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
8	6128 - Lowland Dec	Coniferous,	, Mixed Po	oletimbe	r Medium	n 58.6	65	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	10	Seedling	8		Re	ed Maple	Medium	Variable	Variable	
	Red Pine	5		10		WI	hite Pine	Medium	Variable	Variable	
	Sugar Maple	10	Sapling	6		Ja	ack Pine	Low	Variable	Variable	
	Red Maple	10	Sapling	6		Ва	ılsam Fir	Medium	Variable	Variable	
	Bigtooth Aspen	5		10							_
	White Pine	15		10	65						
	Jack Pine	5	Seedling	8							
	Black Cherry	5	Sapling	6							
	Scotch Pine	5		8							
	White Spruce	5	Seedling	8							
	Black Spruce	15	Seedling	8	65						
No	orthern White Cedar	5	Seedling	8							
	Hemlock	5		10							
9	6122 - BI	lack Spruce		Poletimb	er Well	6.9	87	111-140	N/A	1	2015: Stand is healthy, part of stand is in the Fox river buffer zone, do
	Canopy Species	% Cover	Size Class	DBH	l Age						not cut until stand is in decline. ATV tral and creek in stand. Do not think stand will regenerate based on surroundings, once cut area will
	Tamarack	10	Seedling	6							likely dry out and convert to jack or white pine
	Black Spruce	90	Seedling	6	87						, , , , , ,
10	42120 - Plar	nted Jack P	ine	Saplin	g Well	4.2	15	Immature	N/A		[5/22/08] Under contract TS# 41-021-07-01 Lunch Can't Wait Pine.
	Canopy Species	% Cover	Size Class	DBH	l Age						See also FTP C41-1344 (jack pine regeneration.) Residual BA: Red pine - 10, white pine - 4: total = 14 sq.ft./acre.
	Pin Cherry	10		2	15						[6-7-10] Sale is now closed/completed TCR dtd 6-3-10.
	Jack Pine	90		2	15						[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 660 trees per acre, FTP is closed for stand.
11	3102	- Grass		No	ne	12.5			Yes	3	TS: 41-027-17 unit 10 site was converted to grass
12	4211 - Plar	nted Red Pi	ne	Unspe	ecifed	47.5	1	Immature			TS: 41-027-17 unit 5roller chopped and trenched summer 2022. Sprayed in spring 2023Planted to RP spring 241st year regen check summer 24 Passed 828 TPA
13	4112 - Maple, Beec	ch, Cherry A	Association	Sawtimb	er Well	28.4	75	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Cherry	20	Seedling	8		Sug	gar Maple	Medium	Variable	Variable	
	Sugar Maple	45		10	75	Re	ed Maple	Medium	Variable	Variable	
	Red Maple	35		10							



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age B	A Range	Managed Sit	е	General Comments
14	42200 - Natu	ıral White F	Pine	Sawtimber Well	11.2	95	51-80	N/A		TS: 41-041-17 unit 11
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5		12	Wh	nite Pine	Low	Variable	Variable	
	Quaking Aspen	5		10	Ва	lsam Fir	Medium	< 5 feet	< 5 feet	
	White Pine	85		18 95	Sug	ar Maple	Medium	Variable	Variable	
	Black Cherry	5		12	Re	d Maple	Medium	Variable	Variable	
15	4112 - Maple, Beec	h, Cherry A	Association	Sawtimber Well	16.8	65	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Spruce	10	Seedling	8	Wh	nite Pine	Low	Variable	Variable	
	Balsam Fir	10	Seedling	6	Ва	lsam Fir	Medium	Variable	Variable	
	Sugar Maple	45		10 65	Sug	ar Maple	Low	Variable	Variable	
	Red Maple	35		10	Re	d Maple	Medium	Variable	Variable	
16	42120 - Plar	nted Jack F	Pine	Sawtimber Well	5.6	76	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Jack Pine	85		12 76	Blad	ck Cherry	Low	Variable	Variable	
	Red Pine	15		12	Re	d Maple	Low	Variable	Variable	
					Pap	oer Birch	Low	Variable	Variable	
17	42220 - Nat	ural Jack P	ine F	Poletimber Mediur	n 5.7	40	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH Age						[10/03/2011 JB] INMATES WILL BE USED TO REMOVE SCOTCH
	Red Maple	3	Seedling	6						PINE. See W41-12942015: Stand is a wind break and a visual
	Quaking Aspen	2	Seedling	8						buffer
	Red Pine	5		16						
	White Pine	5		16 92						
	Jack Pine	85	Seedling	8 40						
18	42110 - Pla	nted Red P	ine	Sawtimber Well	10.3	92	81-110	N/A		Campground
	Canopy Species	% Cover	Size Class	DBH Age						
	White Pine	5		16						
	Jack Pine	2		10						
	Red Pine	88		16 92						
	Black Spruce	5	Seedling	8						
19	42111 - Planted Dec	Red Pine, iduous	Mixed	Sapling Medium	25.2	24 I	mmature	N/A		2015: State Game Fund land so no further action will be done to grow red pine.
	Canopy Species	% Cover	Size Class	DBH Age						[8-26-09] Helicopter release spray to release rp regen in stand 19 and
	Pin Cherry	20	Log	3 24						7 on about 23 acres. Check regen in 2011 for release effectiveness.
	Red Pine	80	Log	3 24						[6-30-10] Received Pesticide Use Eval. Report = cherry 70% controlled 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 C	over Type		Size De	nsity	Acres S	Stand Age B	A Range	Managed S	ite	General Comments
20	42120 - Plai	nted Jack P	Pine	Poletimb	er Well	4.7	48	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Jack Pine	100	Seedling	8	48	Pin	Cherry	Medium	Variable	Variable	
21	42100 - Plan	ted White F	Pine	Sawtimb	er Well	8.7	92	51-80	N/A		[2-19-08] Added factor limit to get off of the POW. There is not
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	enough volume for the inmates to harvest as part of a commercial timber sale. Any work will be done under a FTP.
	Red Maple	5	Seedling	6		Red	Maple	Medium	5 - 10 feet	5 - 10 feet	[4-7-08] Deleted factor limit per discussion with Donovan.
	Quaking Aspen	5	Seedling	5		Quakir	ng Aspen	Medium	Variable	Variable	
	Red Pine	5		16		Whit	te Pine	Low	5 - 10 feet	5 - 10 feet	[10/03/2011 JB] INMATES WILL BE USED TO REMOVE SCOTCH
	White Pine	75		16	92						PINE. See W41-1294
	Jack Pine	10	Seedling	8							
22	42220 - Nat	ural Jack P	ine	Poletimb	er Well	16.8	40	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	[10/03/2011 JB] INMATES WILL BE USED TO REMOVE SCOTCH
	Red Maple	5	Seedling	6		Whit	te Pine	Low	Variable	Variable	PINE. See W41-1294
	Quaking Aspen	5	Seedling	6		Jac	k Pine	Low	Variable	Variable	
	Red Pine	10		16		Red	Maple	Medium	Variable	Variable	
	White Pine	5		16	92						_
	Jack Pine	75	Seedling	8	40						
23	4319 - Mixed	Upland Fo	rest	Poletimb	er Poor	8.4	26	1-50	N/A		2025: Stand is 1/2 planted red pine and 1/2 natural hard maple where
	Canopy Species	% Cover	Size Class	DBH	Age						planting failed. (4/28/09 AP) 2009 regen count: 386 red pine, 36 jack pine. Recommendation: Fill in existing trenches with red pine
	Red Maple	50	Pole	4	26						(estimate 6,000 trees). Survival may be low since there is an existing
	Red Pine	50	Sapling	5	26						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.
24	6225	5 - Bog		Nor	ne	25.7			No		7
							opy Species	Density	Avg. Height	Size	
							Spruce	Low	Variable	Variable	
							narack	Low	Variable	Variable	
						Jac	k Pine	Low	Variable	Variable	



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed Si	te	General Comments
25	4130	- Aspen		Poletimb	er 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
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	changed much since last inventory. If markets materialize, perhaps
	Red Maple	3	Seedling	6		Re	d Maple	Medium	Variable	Variable	next entry stand could be chipped, as of now most of the stand is non
	White Pine	2	Seedling	8		Wh	nite Pine	Low	Variable	Variable	merchantable.
	Quaking Aspen	95	Seedling	8	59	Blad	ck Cherry	Low	Variable	Variable	
						Sco	otch Pine	Low	Variable	Variable	
26	42140 - Plan	ted Mixed F	Pine	Sawtimb	er Well	5.1	92	81-110	N/A		2015: stand is being left uncut for ts proximity to the East branch river
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and for aesthetics/trail use for the campground.
	Red Pine	55		16	92	Wh	nite Pine	Low	Variable	Variable	
	Black Spruce	5	Seedling	8							
	White Pine	30		16							
	Jack Pine	10	Seedling	8							
27	42120 - Plar	ited Jack P	ine	Sapling	Poor	34.7	15	Immature	N/A		[5/22/08] Under contract TS# 41-021-07-01 Lunch Can't Wait Pine.
	Canopy Species	% Cover	Size Class	DBH	l Age						See also FTP C41-1344 (jack pine regeneration.) Residual BA: Red pine = 16 sq.ft./acre.
	Jack Pine	95	Log	3	15						[6-7-10] Sale is now closed/completed TCR dtd 6-3-10.
	Red Pine	5		14	75						[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.
28	4112 - Maple, Beec	h, Cherry A	ssociation	Sawtimb	er Well	26.9	95	51-80	N/A		TS: 41-041-17 unit 11
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	70		12	95	Ва	lsam Fir	Medium	< 5 feet	< 5 feet	
	Red Maple	25		12		Wh	nite Pine	Low	Variable	Variable	
	Black Cherry	5		12		Sug	jar Maple	Medium	Variable	Variable	
						Re	d Maple	Medium	Variable	Variable	
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
	Canopy Species	% Cover	Size Class	DBH	l Age						enough volume for the inmates to harvest as part of a commercial timber sale. Any work will be done under a FTP.
	Red Maple	15	Log	2							[4-7-08] Deleted factor limit per discussion with Donovan.
	Jack Pine	10	Log	2							
	Quaking Aspen	75	Log	2	30						[10/03/2011 JB] OPENING MAINTENANCE USING INMATES REMOVE ALL TREES TO OPEN AREA UP. DO NOT CUT
											JUNEBERRY OI is coded for cleaning and weeding, but opening maintenance is what the intent is. See FTP W41-1293
30	42110 - Plar	nted Red Pi	ine	Sawtimb	er Well	27.0	64	111-140	N/A		[5/22/08] Under contract TS# 41-021-07-01 Lunch Can't Wait Pine.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Residual BA: Red pine - 85 sq.ft./acre. [6-7-10] Sale is now closed/completed TCR dtd 6-3-10.
	Red Pine	100		12	64		d Maple	Low	5 - 10 feet	5 - 10 feet	



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age B	A Range	Managed S	ite	General Comments
31	42120 - Plar	nted Jack P	ine	Poletimber Well	5.4	75	51-80	N/A	٨	2025: part of creek buffer
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	40		10 75	Re	ed Maple	Low	5 - 10 feet	5 - 10 feet	
	Jack Pine	60	Seedling	8 75	Blad	ck Spruce	Low	< 5 feet	< 5 feet	
32	3102	- Grass		None	0.9			No	ı	
					Sub-Ca	nopy Species	Density	Avg. Height	Size	
					Re	ed Maple	Low	Variable	Variable	
					Pi	n Cherry	Low	Variable	Variable	
					W	hite Pine	Low	Variable	Variable	
33	42120 - Plar	nted Jack P	ine	Sapling Poor	65.4	17 I	Immature	N/A	١	[4-29-07] Aspen, hardwood, red pine and oak were all left to meet
	Canopy Species	% Cover	Size Class	DBH Age						retention. [11-20-07] Under contract TS# 41-012-07-01 King Adam Jack Pine.
	Red Maple	15	Log	2						See also FTP C41-1328 (JP regeneration.)
	Red Pine	5		12						Residual Basal Area: red pine = 24; mixed hardwood = 2; aspen = 1
	Jack Pine	80	Log	2 17						total = 27 sq.ft./acre. [8-22-08] Sale is completed TCR dtd 8-19-08.
34	42110 - Pla	nted Red P	ine	Poletimber Well	14.7	57	81-110	N/A	Λ	Stand passed regeneration count in 2014 at 1018 trees per acre, FTP is closed for stand. 2025 Hold off on harvesting untill stands to the north are established
	Canopy Species	% Cover	Size Class	DBH Age						41-027-17 unit 2
	Red Pine	88	Seedling							41-027-17 utilit 2
	White Pine	2	Seedling	8						
	Jack Pine	10	Seedling	8						
35	42110 - Pla	nted Red P	ine	Sawtimber Well	69.4	77	111-140	N/A	1	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	100		12 77	Re	ed Maple	Low	5 - 10 feet	5 - 10 feet	
					R	ed Oak	Low	5 - 10 feet	5 - 10 feet	
36	42110 - Pla	nted Red P	ine	Poletimber Well	32.9	68	81-110	N/A	٨	Hold off till next entry or stands to north are established TS: 41-027-17 unit 1
	Canopy Species		Size Class							17 Milk I
	Red Pine	93	Seedling							
	White Pine	1	Seedling							
	Jack Pine	6	Seedling	8						



Stand	d Level 4 C	over Type		Size Den	sity	Acres	Stand Age B	A Range	Managed S	iite	General Comments
37	42340 - Up	land Spruce	e/Fir	Sawtimbe	r Well	16.9	60	81-110	N/A	1	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	5	Seedling	6		Red	l Maple	Low	< 5 feet	< 5 feet	
	White Pine	10		16		Bals	sam Fir	Low	< 5 feet	< 5 feet	
	Jack Pine	5	Seedling	6		White	e Spruce	Low	< 5 feet	< 5 feet	
	Scotch Pine	5	Seedling	8		Wh	te Pine	Low	< 5 feet	< 5 feet	
	Balsam Fir	55	Seedling	6	60						
	White Spruce	20		8							
38	4139 - Aspen,	Mixed Deci	iduous	Sapling \	Well	98.7	26 I	mmature	N/A	١	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	25	Log	3		Re	d Pine	Low	< 5 feet	< 5 feet	
	Quaking Aspen	56	Pole	4	26	Quaki	ng Aspen	Low	< 5 feet	< 5 feet	
	Red Pine	2		10		Wh	te Pine	Low	< 5 feet	< 5 feet	
	Red Oak	10	Log	3							_
	White Pine	5		10							
	Jack Pine	2	Seedling	8							
39	4122 -	Oak, Pine		Unspec	ifed	34.3	3 I	mmature			Lots of Oak are scattered throughout the stand, it was decided that
						Sub-Can	opy Species	Density	Avg. Height	Size	stand should have MO changed to Oak. Variance approved to change MO to Oak. 12/006/21
						Re	d Pine	High	< 5 feet	< 5 feet	variance approved to change into to Cart. 12/000/21
						Re	d Oak	Medium	Variable	Variable	
40	42110 - Pla	anted Red P	Pine	Sawtimbe	r Well	16.3	66	81-110	N/A	\	TS: 41-041-17 unit 6
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	7
	Red Pine	95			66		k Pine	Low	Variable	Variable	
	Jack Pine	5	Seedling	8		Red	d Maple	Low	Variable	Variable	
41	42110 - Pla	anted Red P	Pine	Sawtimbe	r Well	19.0	66	81-110	N/A	\	TS: 41-041-17 unit 5
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Pine	100		12	66		l Maple	Low	Variable	Variable	
42	4211 - Pla	nted Red Pi	ine	Unspec	ifed	33.4	1 I	mmature			TS: 41-041-17 unit 4Stand was trenched summer 2022. Sprayed
						Sub-Can	opy Species	Density	Avg. Height	Size	summer 23, skidder. Planted to RP spring 24summer 24 1st year
							d Pine	Full	< 5 feet	< 5 feet	regen check passed, 813 TPA
43	4222 - Nat	ural Jack Pi	ine	Unspec	ifed	37.9	1 I	mmature			Unit 3 Was scarified by Holi summer 2019.
					Γ	Sub-Can	opy Species	Density	Avg. Height	Size	trenched summer 22. by DNR staff
							k Pine	Full	< 5 feet	< 5 feet	Stand was planted in spring 2023
					L	200					⊥



Stand	d Level 4 Co	over Type		Size Density	Acres	Stand Age I	BA Range	Managed Sit	te	General Comments
44	4191 - Mixed Upla Co	and Decidu	ous with	Poletimber Well	36.3	75	1-50	N/A		2015: Mixed stand of everything that is naturally coming in.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	35	Seedling	8 75	Re	ed Maple	Low	Variable	Variable	
	Quaking Aspen	25	Seedling	8	WI	hite Pine	Low	Variable	Variable	
	Red Pine	10	Seedling	8	Ja	ack Pine	Low	Variable	Variable	
	Red Oak	10	Seedling	8	R	ed Oak	Low	Variable	Variable	
	White Pine	5	Seedling	8						
	Jack Pine	15	Seedling	8						
45	42120 - Plar	nted Jack P	ine	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
	Canopy Species		Size Class							pine - 2, white pine - 8; total = 10 sq.ft./acre.
	Red Maple	5	Log	2						[6-7-10] Sale is now closed/completed TCR dtd 6-3-10.
	Pin Cherry	5	Log	2						[6/6/11 JB] On Don's 2011 planting list. [4-23-11 JB] stand was planted. Check in 2012. Stand passed
	White Pine	5	Log	2						regeneration count in 2014 at 731 trees per acre, FTP is closed for
	Jack Pine	85	Log	2 15						stand.
46	42110 - Plai	nted Red P	ine	Sawtimber Well	15.9	76	81-110	N/A		Entrance to campground, leave for esthetics.
	Canopy Species	% Cover	Size Class			nopy Species	Density	Avg. Height	Size	
	Red Pine	80		16 76	Re	ed Maple	Medium	Variable	Variable	
	White Pine	20		16	WI	hite Pine	Low	Variable	Variable	
47	6122 - Bl	ack 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.
	Canopy Species	% Cover	Size Class	DBH Age						stand boundary against the cut lines is generally the hiking trail.
	Jack Pine	20	Seedling	8						Recommend leaving this stand for aesthetics/recreational use
	Black Spruce	80	Seedling	8 76						because of the trail and campground.
48	42110 - Plai	nted Red P	ine	Sawtimber Well	36.2	75	81-110	N/A		TS:41-041-17 unit 12025: hold off on harvesting until the planted
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stands on the highway establish
	Red Pine	100		14 75	Re	ed Maple	Low	5 - 10 feet	5 - 10 feet	
					Quak	king Aspen	Medium	10 - 20 feet	10 - 20 feet	
					R	ed Oak	Low	5 - 10 feet	5 - 10 feet	
49	4211 - Plan	ited Red Pi	ne	Unspecifed	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 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed Si	ite	General Comments
50	42141 - Planted Dec	Mixed Pine	, Mixed	Sapling N	/ledium	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
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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
	Quaking Aspen	40	Log	2	17	Re	d Maple	Medium	5 - 10 feet	5 - 10 feet	FTP C41- 1292.[4-7-08] Deleted factor limit per discussion with
	Red Pine	40	Log	2	17	R	ed Pine	Medium	< 5 feet	< 5 feet	Donovan. [5/3/08 jb] Red pine planted 1151t/a.[5/17/08 jb] Red pine
	Jack Pine	20	Log	2		Qual	king Aspen	Medium	5 - 10 feet	5 - 10 feet	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.
51	4211 - Plar	nted Red Pi	ne	Unspe	cifed	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 Mixe	ed Upland D	eciduous	Poletimb	er 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.
	Canopy Species	% Cover	Size Class	DBH	Age						G-type, lots of cherry and scattered write pine and maple.
	Red Maple	15	Seedling	6	75						
	Pin Cherry	65	Sapling	5	75						
	White Pine	5	Sapling	6	75						
	Black Cherry	15	Seedling	8	75						
54	42120 - Pla	nted Jack P	ine F	Poletimber	Medium	n 3.2	48	51-80	N/A		Lots of blow down
	Canopy Species	% Cover	Size Class	DBH	Age						
	Jack Pine	100	Seedling	7	48						
55	42220 - Nat	tural Jack P	ine	Poletimb	er Well	6.7	75	81-110	N/A		[4-29-07] Retention for 41-012-07-01 is located within this stand. It
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	can't be harvested until the stands to the south have matured (stand 33 2007 YOE).
	Jack Pine	70		10	75	WI	nite Pine	Medium	Variable	Variable	00 2001 1 0 2/1
	Black Spruce	10	Seedling	8		Ja	ick Pine	Low	Variable	Variable	2015: Stand can not be harvested it is entirely in the Fox river buffer
	Red Pine	20		12		Blad	ck Spruce	Medium	Variable	Variable	zone.
56	6124 - Lowl	and Spruce	-Fir F	Poletimber	Medium	n 6.0	31	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	15	Sapling	5		Re	ed Maple	Medium	< 5 feet	< 5 feet	
	White Pine	5	Sapling	5		WI	nite Pine	Medium	< 5 feet	< 5 feet	
	White Spruce	25	Sapling	5	31	Ва	lsam Fir	Medium	< 5 feet	< 5 feet	
	Black Spruce	25	Pole	4	31	Ta	amarack	Medium	< 5 feet	< 5 feet	
	Balsam Fir	25	Sapling	5	31				,		_
	Tamarack	5	Sapling	5							

Report 7 - Stands



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed Si	ite	General Comments
57	4113 - R.M	laple, Conif	er	Sapling I	Medium	1.7	31	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	25	Sapling	5		Re	d Maple	Low	< 5 feet	< 5 feet	
	White Spruce	5	Pole	4		Bal	sam Fir	Low	< 5 feet	< 5 feet	
	Sugar Maple	20	Pole	4							_
	Red Maple	50	Log	4	31						
58	500	- Water		No	ne	4.7			Yes		
61	42110 - Pla	nted Red P	ine	Sawtimb	er Well	34.7	77	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	100		12	77	Re	d Maple	Medium	5 - 10 feet	5 - 10 feet	
						Re	ed Oak	Low	5 - 10 feet	5 - 10 feet	
62	6229 - Mixed	Lowland S	hrub	No	ne	9.9			No		River bottom, heavily shrubed
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Blac	k Spruce	Medium	>20 feet	>20 feet	
						Wh	ite Pine	Low	>20 feet	>20 feet	
						Ja	ck Pine	Medium	>20 feet	>20 feet	
63	42340 - Upl	<u> </u>		Poletimb		13.2	60	81-110	N/A		2015: South end of stand is more open with white pine. Scattered jack and red pine. Stand is mostly river buffer.
	Canopy Species		Size Class		l Age						Jack and rea pine. Claim to moonly mon summer.
	Balsam Fir	40	Seedling	8	60						
	Red Maple	5	Seedling	6							
	Black Spruce	35		8							
	White Pine	15		12							
	Black Cherry	5	Seedling	6							
64	6122 - B	lack Spruce	;	Poletimb	er Well	5.1	90	51-80	N/A		2015: Stand should be left, drain/creek empties into the east branch of the Fox river.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	of the Fox liver.
	Black Spruce	85	Seedling	8	90	Bal	sam Fir	Low	Variable	Variable	
	Jack Pine	15	Seedling	8		Ja	ck Pine	Low	Variable	Variable	
65	4117 - Mixed N	. Hardwood	- Pine	Sapling	y Well	4.9	40	1-50	N/A		
	Canopy Species		Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	35	Log	3	40	Wh	ite Pine	Medium	Variable	Variable	
	Black Spruce	5	Log	3							
	Quaking Aspen	10	Log	3							
	Red Pine	10	Log	2							
	White Pine	15	Log	3							
	Black Cherry	25	Sapling	6	40						



Stand	d Level 4 Co	ver Type		Size Density	Acres	Stand Age E	A Range	Managed Sit	te	General Comments
66	42120 - Plant	ted Jack Pir	ne	Sawtimber Well	6.8	76	81-110	N/A		2025: This is 2 small stands that are combined because they are too
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	small to stand alone. They both serve the same purpose of retention/river buffer and cannot e harvested.
	Black Spruce	40	Seedling	6	Blac	k Cherry	Low	Variable	Variable	Total Maria Salia and Salia Condition
	Jack Pine	60		12 76	Re	d Maple	Low	Variable	Variable	
					Pap	er Birch	Low	Variable	Variable	
67	122 - Road	/Parking Lot		None	1.6			No		
68	3102 -	Grass		None	54.5			No		
					Sub-Car	nopy Species	Density	Avg. Height	Size	
					Re	d Maple	Low	Variable	Variable	
					Wh	ite Pine	Low	Variable	Variable	
					Quak	ing Aspen	Low	Variable	Variable	
					Pin	Cherry	Low	Variable	Variable	
70	4211 - Plant	ed Red Pine	Э	Unspecifed	24.7	2	mmature			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 Decid	Jack Pine, N duous	/lixed	Sapling Poor	134.8	5	mmature	N/A		TS: 41-041-17 unit 10 Stand was trenched summer 2022 by dnr staff. Planted and passed 1st year check in 23
	Canopy Species Quaking Aspen Jack Pine	% Cover 25 75	Size Class Log Log	1 1 5						Planted and passed 1st year dieck in 25
72	42110 - Plan	ted Red Pin	е	Sawtimber Well	6.1	85	111-140	N/A		2015: split from parent stand 33.
	Canopy Species Red Pine	% Cover 100	Size Class	DBH Age 12 85						
73	42110 - Plan	ted Red Pin	e S	Sawtimber Medium	19.3	75	111-140	N/A		2015: Split this stand off of the parent stand (33).
	Canopy Species Red Pine	% Cover 100	Size Class	DBH Age 12 75						
74	42110 - Plan	ted Red Pin	е	Sawtimber Well	22.3	75	111-140	N/A		2015: Split off from the parent stand (33)
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Pine	100		12 75		d Maple	Low	< 5 feet	< 5 feet	
					Ja	ck Pine	Low	< 5 feet	< 5 feet	
76		Aspen		Sapling Well	8.0	3	mmature	N/A		TS: 41-041-17 unit 13
	Canopy Species Quaking Aspen	% Cover	Size Class Log	DBH Age						



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
78	4123 - I	Red Oak		Unspe	ecifed	11.5	42	1-50			removed from overall stand/treatment are due to significant amounts of oak.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.
79	4130 -	Aspen		Sapling	g Well	2.7	5	Immature	N/A		_
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	
	Red Maple	5	Log	1		Re	ed Maple	Medium	Variable	Variable	
	Quaking Aspen	95	Log	1	5	W	hite Pine	Medium	Variable	Variable	
						Qual	king Aspen	Medium	Variable	Variable	
						Pi	n Cherry	Medium	Variable	Variable	
400	3102 -	- Grass		Noi	ne	0.6			Yes		
402	4211 - Plan	ted Red Pi	ne	Unspe	cifed	25.8	1	Immature			TS: 41-027-17 unit 13roller chopped and trenched summer 2022 ,
							nopy Speci ed Pine	es Density Full	Avg. Height < 5 feet	Size < 5 feet	Sprayed in spring 2023Planted to RP spring 24summer 24 1st year regen check passed, TPA 866
405	42220 - Natu	ıral Jack P	ine	Sawtimb	er Well	43.9	65	51-80	N/A		River buffer/retention
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Red Pine	5	0.20 0.000	14	7.90						
	White Pine	35		14	92						
	Jack Pine	60	Seedling		65						
407	122 - Road	/Parking L	ot	Noi	ne	63.4			Yes		M-77
412	3102 -	- Grass		Noi	ne	91.7			Yes		
						Sub-Ca	nopy Speci	es Density	Avg. Height	Size]
						Re	ed Maple	Medium	Variable	Variable	
						W	hite Pine	Medium	Variable	Variable	
						Qual	king Aspen	Medium	Variable	Variable	
						Pi	n Cherry	Medium	Variable	Variable	
413	3102 -	- Grass		Noi	ne	4.8			No		
						Sub-Ca	nopy Speci	es Density	Avg. Height	Size	
						Re	ed Maple	Medium	Variable	Variable	
						W	hite Pine	Low	Variable	Variable	

Shingleton Mgt. Unit

Report 7 - Stands

105	NATUR	a)
	0	18
DI	VR.	No.
13		1.9

Stand	Level 4 C	over Type		Siz	ze De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
414	42221 - Natural Dec	Jack Pine, iduous	Mixed	Poleti	imber	Medium	42.1	45	1-50	N/A	A	
	Canopy Species	% Cover	Size Cla	SS	DBH	Age	Sub-Ca	anopy Specie	s Density	Avg. Height	Size	
(Quaking Aspen	30	Saplin	ıg	5		Re	ed Maple	Medium	Variable	Variable	
	Jack Pine	70	Saplin	ıg	6	45	W	hite Pine	Medium	Variable	Variable	
							Qua	king Aspen	Medium	Variable	Variable	
							Pi	in Cherry	Medium	Variable	Variable	