

Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54049 Entry Year 2022 Acreage: 1,781 County Montmorency Management Area: Thunder Bay Outwash

Revision Date: 2020-05-19

Stand Examiner: Darrick Coy

Legal Description:

T31N, R3E, Sec. 2, 11, 14 & 23

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan. Harvests prescribed will help to balance the age classes of pine, aspen, and other deciduous cover types to sustainably produce various timber products, enhance game and non-game wildlife habitat and provide for forest-based recreational uses.

Soil and topography:

Soils are primarily well drained sands. The topography is mostly flat with some minor areas of extreme slope or rolling terrain. Cover types are predominately aspen, oak, pine, and lowland conifer. Forest habitat types are primarily dominated by PArVVb, PArVHa, and unclassified lowland.

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

The compartment has some private parcels along the edge. The compartment has recreational use by ORVs & snowmobiles. Some natural gas production and infrastructure is located within sections 14 and 23. Surrounding lands are mostly other state land and a few hunting parcels. The farmland of Pleasant Valley lies to the south.

Unique Natural Features:

Rare and endanger species present. Contact Michigan Natural Features Inventory for more information or reporting.

Archeological, Historical, and Cultural Features:

No known sites exist. Contact the State Historical Preservation Office for more information or reporting of new sites.

Special Management Designations or Considerations:

Begin to introduce planted pine into areas of medium to high site quality where natural regeneration efforts have failed to sufficiently restock stands with more desirable northern hardwood regeneration.

Watershed and Fisheries Considerations:

Maintain proper protection distances for Miller Creek and other streams per BMP guidance and Fisheries Division consultation when preparing timber sales.

Miller Creek and Brush Creek are high quality wild brook trout streams, based on fisheries data over the years. Fish Division has been working hard to remove a small dam at the mouth of Miller Creek, to open upstream fish passage. Both creeks (but particularly Brush Creek) have numerous documented beaver overuse issues. Maintain a 300 ft. (100 m) buffer against clear cuts along both streams.

Wildlife Habitat Considerations:

This compartment is an excellent opportunity to manage for wildlife. It is part of a multiple compartment, large scale block of public land providing contiguous wildlife pathways that are necessary for many of our large game animals such as black bear. Habitat components of heavy aspen, mixed pine and deciduous provide food and cover for multiple species at a variety of age classes. We are working to maintain oak and other mast producing trees as well as keep a good age rotation of aspen in this compartment with consideration of adjacent compartments. Species which benefit from our management include white-tailed deer, black bear, ruffed grouse, woodcock, and many other game and non-game species

Mineral Resource and Development Concerns and/or Restrictions

An active sand/gravel operation is less than two miles to the southeast. While there appears to be some sand & gravel potential in the compartment, the water table is generally shallow in this area, which could limit development. The southern half of the compartment has been drilled and is producing gas from the Antrim Shale. There may be additional Antrim potential to the north, but the Antrim Shale is thinning and becoming shallower in this direction, reducing the potential for successful wells. Furthermore, at current low gas prices, additional development is unlikely for the foreseeable future.

State-owned mineral rights in the southern half of the compartment are currently leased and held by production. No known metallic mineral potential exists in this part of the state.

Vehicle Access:

There is very good access into the compartment with many straight fire break two-tracks off CR 624, Grass Lake Rd, and Brush Creek Truck Trl. Access within the southern portion of the compartment is more difficult due to Miller Creek and private property.

Survey Needs:

Section 14, SENE and potentially other areas.

Recreational Facilities and Opportunities:

Non-motorized recreation includes wildlife viewing, hunting, fishing, and mushroom picking. Motorized recreation is permitted within Snowmobile Trails 4 and 494 and riding ORVs along the Atlanta Trail and Route.

Fire Protection:

Fire response to the compartment will be covered by the Atlanta DNR office as well as the Hillman and Tri-Township Fire Departments.

Additional Compartment Information:

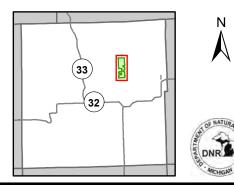
The following reports from the Inventory are attached:

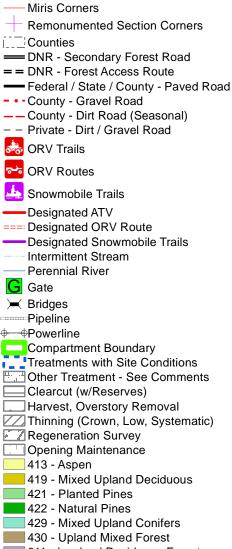
Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

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

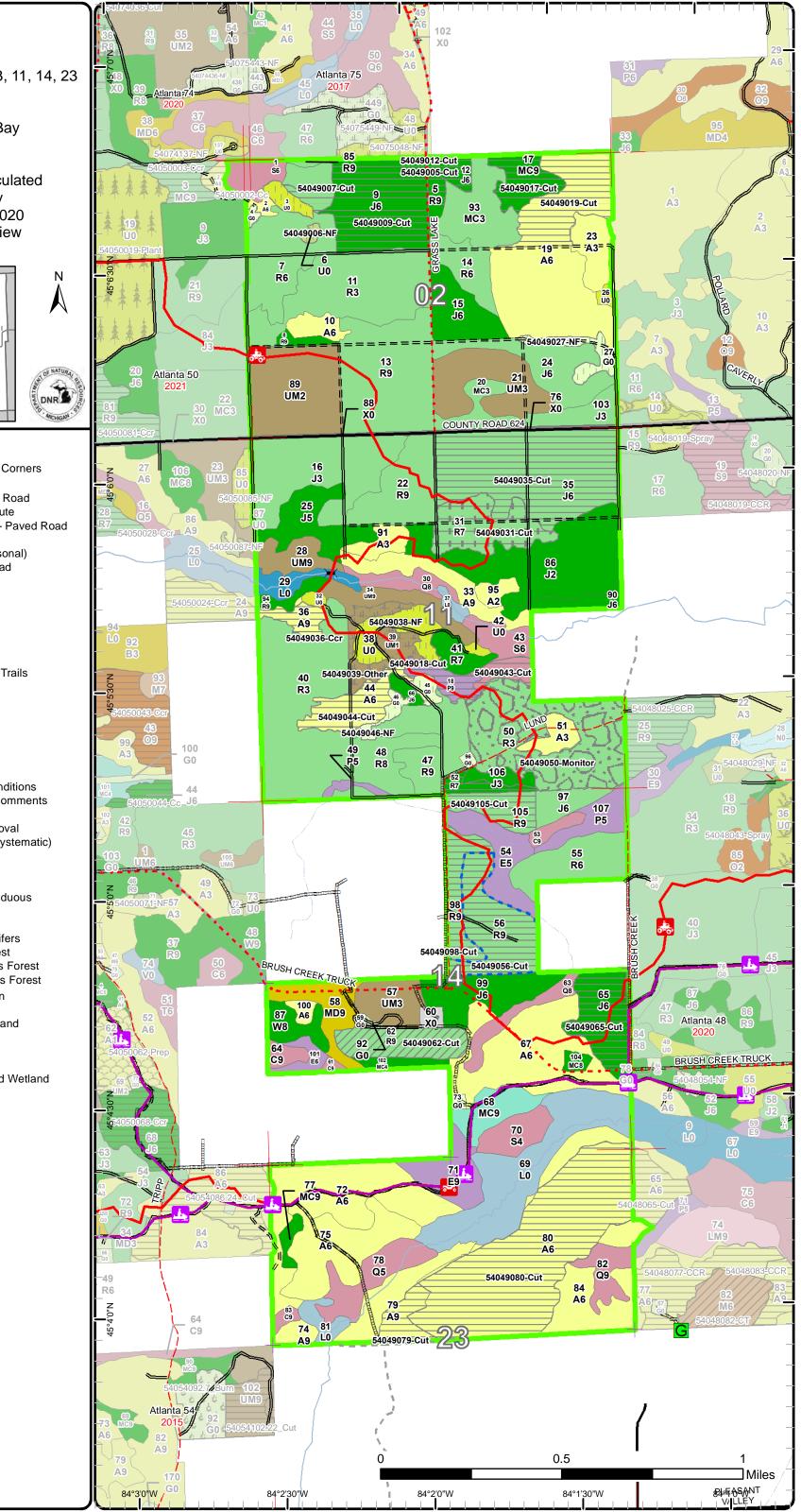
Cover Type & Treatments Map

Compartment: 49 T31N, R03E, Sec. 2, 3, 11, 14, 23 County: Montmorency Unit: Atlanta Mgmt Area: Thunder Bay Outwash YOE: 2022 Acres: 1,781 GIS Calculated Examiner: Darrick Coy Map Revised: 10/22/2020 Map Phase: Post-Review



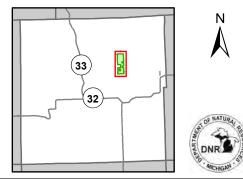


- 430 Upland Mixed Forest 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest
 - 110 Low Intensity Urban
- 122 Roads/Parking Lot
- 310 Herbaceous Openland 320 - Upland Shrub
- 320 Upland Shrub
- 622 Lowland Shrub
 - 629 Mixed Non-forested Wetland

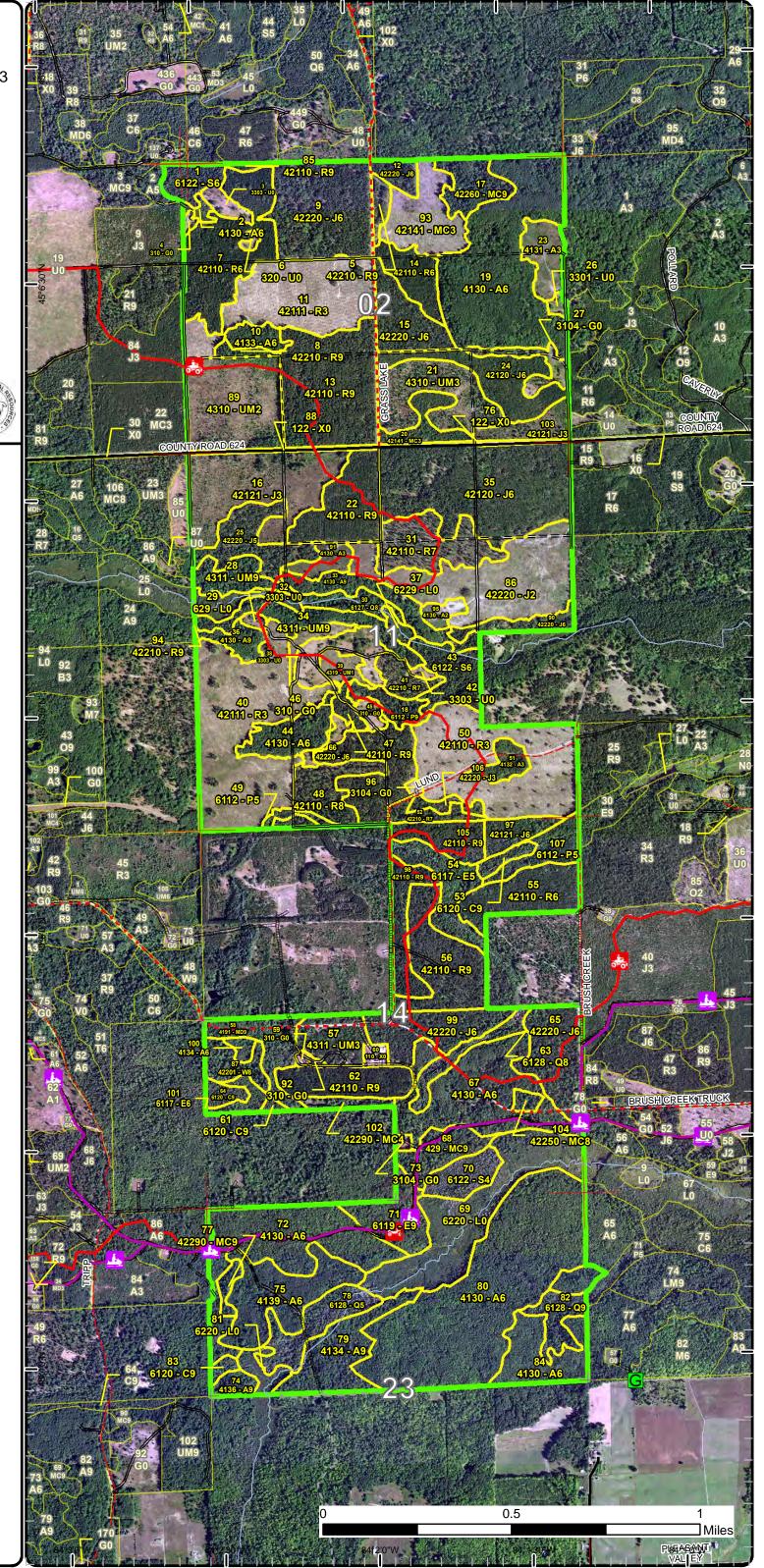


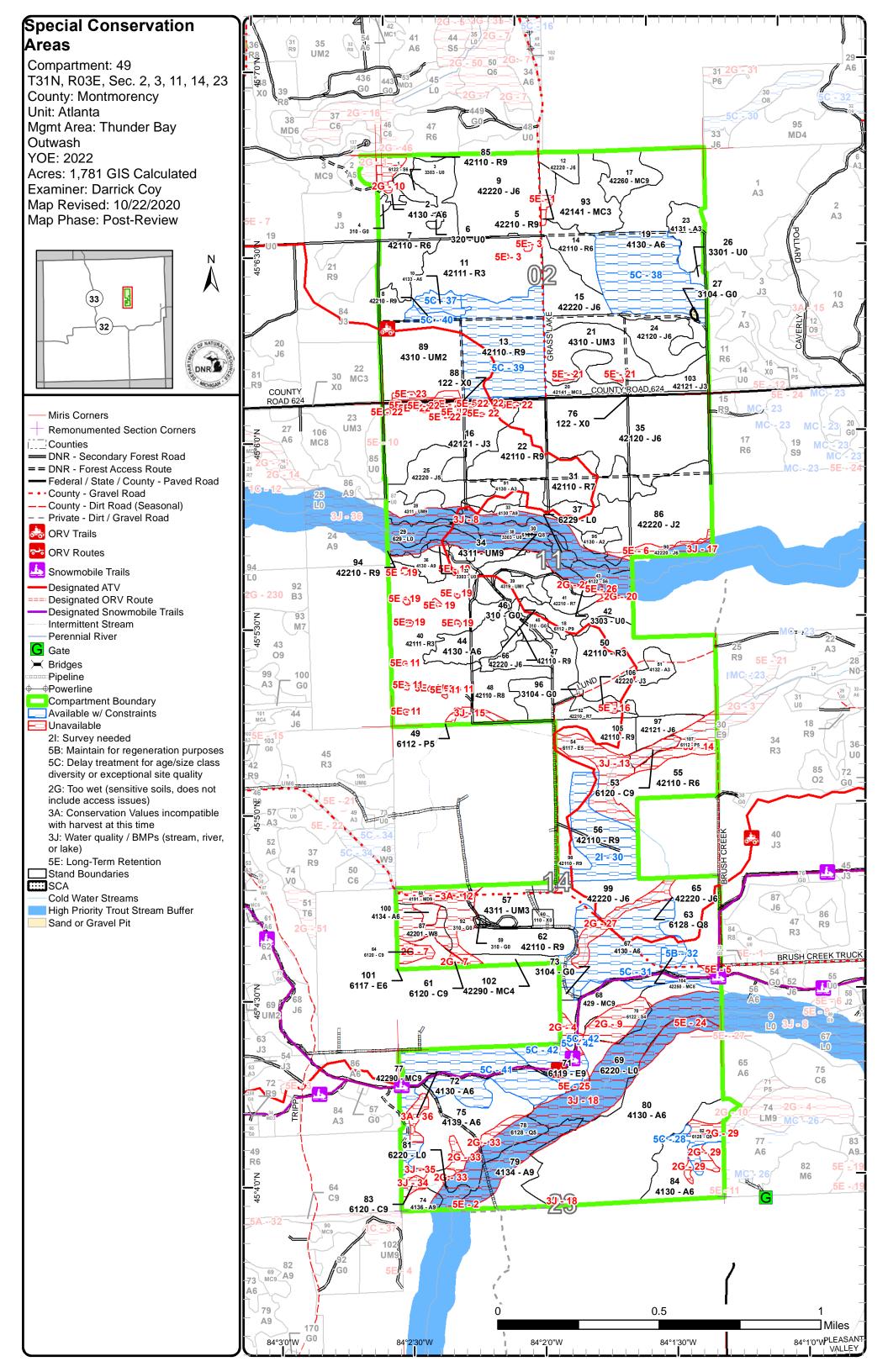
Stand Boundary Map

Compartment: 49 T31N, R03E, Sec. 2, 3, 11, 14, 23 County: Montmorency Unit: Atlanta Mgmt Area: Thunder Bay Outwash YOE: 2022 Acres: 1,781 GIS Calculated Examiner: Darrick Coy Map Revised: 10/22/2020 Map Phase: Post-Review



Miris Corners **Remonumented Section Corners** Counties BNR - Secondary Forest Road = = DNR - Forest Access Route Federal / State / County - Paved Road - • - County - Gravel Road County - Dirt Road (Seasonal)
 Private - Dirt / Gravel Road 📥 ORV Trails 🔁 ORV Routes 🚣 Snowmobile Trails Designated ATV ----- Designated ORV Route Designated Snowmobile Trails Intermittent Stream Perennial River G Gate) Bridges Pipeline ⊕ Powerline Compartment Boundary Stand Boundaries 413 - Aspen 419 - Mixed Upland Deciduous 421 - Planted Pines 422 - Natural Pines 429 - Mixed Upland Conifers 430 - Upland Mixed Forest 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest 110 - Low Intensity Urban 122 - Roads/Parking Lot 310 - Herbaceous Openland 320 - Upland Shrub 330 - Low Density Trees 622 - Lowland Shrub 629 - Mixed Non-forested Wetland





Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit

Darrick Coy : Examiner



Age Class

	Hor	KON C				3 ¥		8	§ .	R	89 89 89	8 J.B.	⁷ 72, ⁷ 2	8. 	62 (S	63. 1	No. St.	Jrest	A DE LOS
Aspen	0	22	0	39	25	101	213	16	0	0	29	0	0	0	0	0	0	0	445
Cedar	0	0	0	0	0	0	0	0	0	0	2	0	0	4	5	0	0	0	11
Herbaceous Openland	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Jack Pine	0	52	55	27	0	34	42	43	104	0	0	0	0	0	0	0	0	0	357
Low-Density Trees	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Lowland Aspen/Balsam Poplar	0	0	0	0	0	14	0	0	8	0	0	0	0	0	0	0	0	0	22
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	10	0	25	9	0	0	0	0	44
Lowland Deciduous	0	0	0	0	0	5	0	18	17	0	0	0	0	0	0	0	0	0	40
Lowland Shrub	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	24	11	0	0	0	0	0	0	0	0	35
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	16
Natural Mixed Pines	0	0	0	0	0	0	0	5	13	2	3	0	0	0	0	0	0	0	23
Planted Mixed Pines	0	23	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Red Pine	0	178	0	0	75	0	0	45	101	64	33	0	0	0	0	0	0	0	496
Upland Conifers	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	13
Upland Mixed Forest	0	14	69	14	0	10	0	0	0	13	0	0	0	0	0	0	0	0	120
Upland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Urban	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
Total	117	289	124	90	100	164	255	127	296	90	77	0	25	22	5	0	0	0	1781



Acres of Harvest

Compartment 49 Total Compartment Acres: 1,781

Commercial Harvest - 409 Harvests with Site Condition - 30 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method

			Contraction of the second	Conception of the second	to to o	BO BO	Chonno 2	O. C.	Reputer to	en e	Stop I Stop	and the second sec
Aspen		161	0	0	0	0	0	0	0	0	161	
Jack Pine		142	0	0	0	0	0	0	0	0	142	
Lowland Aspen/Balsam Poplar		7	0	0	0	0	0	0	0	0	7	
Lowland Spruce/Fir		6	0	0	0	0	0	0	0	0	6	
Natural Mixed Pines		13	0	0	0	0	0	0	0	0	13	
Red Pine		69	0	0	0	0	18	23	0	0	110	
	Total	397	0	0	0	0	18	23	0	0	439	

Proposed and Next Step Treatments by Method

		/.	in the second	Contraction of the second	on of the second		o ^{sino}	Colored and the second	Silon S	350 - 30 20	\$° / \$	AD ^{EP}
Current		439	0	0	0	0	0	59	14	33	545	ĺ
Next Step		0	449	225	0	0	435	696	0	0	1805	
	Total	439	449	225	0	0	435	755	14	33	2350	

a	S t		Mgt. Unit		Repo	rt3	Treatments		Compartmer Year of Entr		OF NATURA DNR	
65 54043065-Cut 12.9 4134 - Aspen Poleimber 39 Harvest Clearcut with Retention 4130 - Aspen Even-Aged Prescription -clearcut (approved in out-6/-YOE 2022) Space: -leave 3-10% in area retention Not State	a n		Acres									Habi Cu
Proposed Start Date: 8 /7 /2020 3 54049003-NF 4.2 3303 - Mixed Low Nonstocked Unspec NonForestMgt Herbaceous/Crop //Grass Planting Openiand 310 - Herbaceous Openiand Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agric Next Step. Treatments: Acceptable Regen: Other Condition Proposed Start Date: 10/1 /2021 4 54049004-NF 1.1 310 - Herbaceous Openiand Unspec NonForestMgt Herbaceous/Crop //Grass Planting 310 - Herbaceous //Grass Planting Proposed Start Date: 10/1 /2021 11 310 - Herbaceous //Grass Planting 310 - Herbaceous //Grass Planting Proposed Start Date: 10/1 /2021 11 310 - Herbaceous //Grass Planting 310 - Herbaceous //Grass Planting 310 - Herbaceous //Grass Planting Prescription Openiand Infied //Grass Planting 310 - Herbaceous //Grass Planting Herbaceous //Grass //Grass Planting Rescription Openiand on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agric Species: practices Next Step. Treatments: Acceptable. Regan:	65 Pres Spe Nex Trea Acco Reg Othe	54048065-Cut scription -clearce -leave : t Step Monitor atments: eptable -mediu len: er	12.9 ut (approve 3-10% in a ring, Natura	Spruce/Fir ed in out-of-YOE 20 rea retention al Regen (Re-Inver	Well 022) ntory)		d spruce	Harvest		4130 - Aspen	Even-Aged	N
Density Trees ified /Grass Planting Herbaceous Openland Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agric Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 4 54049004-NF 1.1 310 - Herbaceous Nonstocked Unspec NonForestMgt Herbaceous/Crop Openland 310 - Herbaceous Openland Prescription Copening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agric Openland 310 - Herbaceous Openland Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agric Specs: Next Step Treatments: Acceptable Regen: Comment: Site Condition Site Condition Site Condition Site Condition			<u>:</u> 8/7/202	20								
Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agric Specs: Next Step Treatments:	3	54049003-NF	4.2		Nonstock	ed		NonForestMgt	Herbaceous/Crop /Grass Planting	Herbaceous		Ν
4 54049004-NF 1.1 310 - Herbaceous Nonstocked Openland Unspec NonForestMgt Herbaceous/Crop //Grass Planting 310 - Herbaceous Openland Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agric specs: Next Step Next Step Treatments: Acceptable Regen: Other Comment: Site Condition	<u>Con</u> <u>Site</u>	<u>mment:</u> Condition										
Openland ified /Grass Planting Herbaceous Openland Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agric practices Next Step Treatments: Next Step Regen: Other Comment: Other Site Condition Site Condition	-											
Specs: practices Next Step. Treatments: Acceptable Regen: Other Comment: Site Condition Site Condition	4	54049004-NF	1.1 3		Nonstock	ed		NonForestMgt		Herbaceous		1
Proposed Start Date: 10/1/2021	Spe Nex Trea Acco Reg Othe Com	<u>ccs:</u> practice <u>t Step</u> atments: <u>eptable</u> len: <u>er</u> nment: <u>Condition</u>	es		ngoing rot	ational b	asis to pi	roduce wildlife fo	rage through burnin	g, mowing, plan	ting, or other a	agricultu
	Prot	posed Start Date	10/1/20	21								

Atlanta Mgt. Unit **Report 3 -- Treatments** Compartment: 49 S Year of Entry: 2022 t а Treatment Stand Stand BA Treatment Treatment Cover Type Acres Size Age Habitat n Name CoverType Density Age Range Type Method Objective Structure Cut d 5 54049005-Cut 2.8 42210 - Natural Sawtimber 87 81-110 Harvest Clearcut 42110 - Planted Even-Aged No Red Pine Red Pine Well Prescription -clearcut Specs: -no retention due to small stand size -do not cut into area to the south left as retention for stand 93 to the adjacent east SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder -Next Step Treatments: Release; Monitoring, Artificial Regen(3yr); SitePrep, Roller Chopping Acceptable -fully stocked red pine with a minor component of mixed deciduous species Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 1.1 320 - Upland Shrub Nonstocked Unspec NonForestMgt Herbaceous/Crop 310 -No 6 54049006-NF ified /Grass Planting Herbaceous Openland Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture Specs: practices Next Step Treatments: **Acceptable** Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 42110 - Planted 141-4211 - Planted 54049007-Cut Poletimber 37 Harvest Clearcut No 3.5 Even-Aged 7 **Red Pine** Well 170 Red Pine Prescription -clearcut-no retention due to small stand size Specs: Next Step SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder -Treatments: Release; Monitoring, Artificial Regen(3yr); SitePrep, Roller Chopping Acceptable -fully stocked red pine with a minor component of mixed deciduous species Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 9 54049009-Cut 43.2 42220 - Natural Poletimber 67 81-110 Harvest Clearcut with 4211 - Planted Even-Aged No Jack Pine Well Retention Red Pine Prescription -clearcut -leave 3-10% in retention pocket(s) along the Grass Lake Rd Specs: SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder -Next Step Treatments: Release; Monitoring, Artificial Regen(3yr); SitePrep, Roller Chopping Acceptable -fully stocked red pine with a minor component of mixed deciduous species Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021

Atlanta Mgt. Unit **Report 3 -- Treatments** Compartment: 49 S Year of Entry: 2022 t а Treatment Stand Size Stand BA Treatment Treatment Cover Type Acres Age Habitat n Method Objective Name CoverType Density Age Range Туре Structure Cut d 12 54049012-Cut 5.5 42220 - Natural Poletimber 47 81-110 Harvest Clearcut 4211 - Planted Even-Aged No Jack Pine Red Pine Well Prescription -clearcut -no retention due to small stand size Specs: SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder -Next Step Treatments: Release; Monitoring, Artificial Regen(3yr); SitePrep, Roller Chopping Acceptable -fully stocked red pine with a minor component of mixed deciduous species Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 54049017-Cut 42260 - Natural Sawtimber 78 81-110 Clearcut with 4191 - Mixed No 12.9 Harvest Even-Aged 17 Pine, Mixed Well Retention Upland Deciduous Deciduous with Conifer Prescription -clearcut Specs: -leave 2-3 wp and/or rp per acre to fill in low stocked areas -leave 3-10% in retention pocket(s) Monitoring, Natural Regen (Re-Inventory) Next Step Treatments: Acceptable -any combination of aspen, maple, oak, fir, and pine of medium to high stocking Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 18 54049018-Cut 7.4 6112 - Lowland Sawtimber 72 51-80 Harvest Clearcut with 6130 - Fir, Even-Aged No Well Retention Aspen, Maple Aspen Prescription -clearcut -no retention due to small stand size Specs: -protect Atlanta ORV trail in timber sale specifications -add grouse timber sale specification (recommend marking 1 log sized tree to fell and/or push over every 2 acres) Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable -any combination of aspen, maple, oak, fir, spruce, and pine of medium to high stocking Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021

t	Atlanta	a Mgt. Unit		Repo	rt3 ˈ	Treatments		Compartmen Year of Entry		DNR
a n Treatm d Nam		Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habi Cu
19 540490	19-Cut 29.5	4130 - Aspen	Poletimbe Well	er 47	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	N
<u>Specs:</u> <u>Next Step</u> <u>Treatments:</u>	push over every 2 Monitoring, Natur		ntory)	-		·	n (recommend mar	king 1 log sized t	ree to fell and	'or
Other Comment: Site Condition	<u>n</u> art Date: 10/1 /20	21								
27 540490	27-NF 7.3	3104 - Degraded	Nonstocke	ed		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		N
Treatments: Acceptable Regen: Other Comment: Site Condition	_									
Proposed Sta 31 540490	art Date: 10/1 /20 31-Cut 23.2	42110 - Planted	Sawtimbe	er 90	1-50	Harvest	Overstory	4319 - Mixed	Even-Aged	N
Specs:	-protect existing a -protect Atlanta C	Red Pine al acre to serve as re advanced regenera RV trail in timber s al Regen (Re-Invel	tion, no tree ale specific	e-length	eed in area skid with	as after the harve crowns attached	Removal est 1	Upland Forest		
<u>meannemis.</u>	-oak, aspen, pine	, fir, and maple of ı	medium to h	nigh sto	cking					
Acceptable Regen: Other Comment:										
Regen: Other	<u>n</u>									

a n Treatment Acres Stand Size Stand BA Treatment Treatment Cover Type Age Ha	S t	Atla	nta Mgt. Unit		Repo	rt3 ˈ	Treatments		Compartmen Year of Entr		DNR
Jack Pine Well 140 Retention Red Pine Prescription -clearut -require low stumps and have tops reduced and chipped (if possible) -require low stumps and have tops reduced and chipped (if possible) -require low stumps and have tops reduced and chipped (if possible) Next Step SitePrep, Roller Chopping; Pestide, Skidder - Release; Monitoring, Artificial Regen(3); Accestable -fully stocked red pine with a minor component of mixed deciduous species Regen: -selectable -fully stocked red pine with a minor component of mixed deciduous species Regen: -selectable -fully stocked red pine with a minor component of mixed deciduous species Site Condition - - Proposed Start Date: 101 / 2021 Site Condition - - Reservice Sale 101 / 2021 - Site Condition - - Reservice - Sale 110 Harvest Reservice - - - Site Condition - - - Reservice - -	n Treat									-	Habi Cu
Specs: -leave 3-10% in retention pocket(s) along CR 624 -protect Atlanta CRV trail in timber sale specifications Next Step SitePrep, Roller Chopping: Pesticide, Skidder - Site Prep, Trenching; Planting, Initial Plant: Monitoring, Artificial Regen(1); Acceptable -fully stocked red pine with a minor component of mixed deciduous species Regen: -fully stocked red pine with a minor component of mixed deciduous species Regen: -fully stocked red pine with a minor component of mixed deciduous species Regen: -fully stocked red pine with a minor component of mixed deciduous species Regen: -fully stocked red pine with a minor component of mixed deciduous species Site Condition	35 54049	0035-Cut 70.6			r 78		Harvest			Even-Aged	N
Treatments: Pesticide, Skidder - Release: Monitoring, Artificial Regen(3yr) Acceptable Regen: -fully stocked red pine with a minor component of mixed deciduous species Biggen: Other Comment: Site Condition Proposed Start Date: 10/1 / 2021 36 54049036-Ccr 6.3 4130 - Aspen Sawtimber 56 81-110 Harvest Clearcut with Retention 413 - Aspen Even-Aged Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be in or near the stream buffer on north side of Specs: stand. Use Atlanta grouse spec. 5.2.7. Next Step. Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable. Any combination of aspen, maple, oak or conifer Regen: Use current, standard trail specs for safety and infrastructure protection of ORV trail. Treatment approved OOYOE on 8/7/2019. Comment: Site Condition Proposed Start Date: 10/1 / 2020 38 54049038-NF 13.3 3030 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop 310 - Herbaceous Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul Specs: Use current, sta		-leave 3-10% in -require low stu	umps and have tops r	educed and	l chippe	ed (if poss	sible)				
Regen: Other Comment: Site Condition Proposed Start Date: 10/1 / 2021 36 54049036-Ccr 6.3 4130 - Aspen Sawtimber 56 81-110 Harvest Clearcut with 413 - Aspen Even-Aged Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be in or near the stream buffer on north side of specs. Start Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable. Any combination of aspen, maple, oak or conifer Regen. Other Use current, standard trail specs for safety and infrastructure protection of ORV trail. Treatment approved OOYOE on 8/7/2019. Comment: Site Condition Proposed Start Date: 10/1 / 2020 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop Area<- Openiand							ePrep, Trenching	; Planting, Initial F	Plant; Monitoring	g, Artificial Reg	gen(1yr)
Comment: Site Condition Proposed Start Date: 10/1 /2021 36 54049036-Ccr 6.3 4130 - Aspen Sawtimber 56 81-110 Harvest Clearcut with Retention 413 - Aspen Even-Aged Retention Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be in or near the stream buffer on north side of Specs: Stand. Use Atlanta grouse spec. 5.2.4.7. Next Step. Monitoring, Natural Regen (Re-Inventory) Treatments: Ary combination of aspen, maple, oak or conifer Regen: Use current, standard trail specs for safety and infrastructure protection of ORV trail. Treatment approved OOYOE on 8/7/2019. 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop 310 - Herbaceous Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul Specs. Use current, standard trail specs for safety and infrastructure protection. Next Step. Use current, standard trail specs for safety and infrastructure protection. Newt Step. Dependend Vert Step. Use current, standard trail specs for safety and infrastruc		-fully stocked r	ed pine with a minor o	component	of mixe	d deciduc	ous species				
Proposed Start Date: 10/1 / 2021 36 54049036-Ccr 6.3 4130 - Aspen Sawtimber 56 81-110 Harvest Clearcut with Retention 413 - Aspen Even-Aged Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be in or near the stream buffer on north side of Specs: stand. Use Atlanta grouse spec. 5.2.4.7. Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Any combination of aspen, maple, oak or conifer Regen: Other Use current, standard trail specs for safety and infrastructure protection of ORV trail. Treatment approved OOYOE on 8/7/2019. Comment: Site Condition Proposed Start Date: 10/1 / 2020 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop 310 - Density Trees Density Trees re // Grass Planting Herbaceous Openiand Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul Specs: Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regean: Other											
36 54049036-Ccr 6.3 4130 - Aspen Sawtimber 56 81-110 Harvest Clearcut with Retention 413 - Aspen Even-Aged Prescription Species: CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be in or near the stream buffer on north side of stand. Use Atlanta grouse spec. 5.2.4.7. Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable. Regen: Any combination of aspen, maple, oak or conifer Regen: Other Use current, standard trail specs for safety and infrastructure protection of ORV trail. Treatment approved OOYOE on 8/7/2019. Comment: Site Condition Proposed Start Date: 10/1 /2020 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop (Grass Planting) 310 - Herbaceous Openiand Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul Specs: Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable. Regen: Other Comment: Site Condition Site Condition	Site Conditi	on									
Well Retention Prescription Specs: CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be in or near the stream buffer on north side of stand. Use Atlanta grouse spec. 5.2.4.7. Next Step Treatments: Monitoring, Natural Regen (Re-Inventory) Acceptable Regen: Any combination of aspen, maple, oak or conifer Regen: Other Comment: Use current, standard trail specs for safety and infrastructure protection of ORV trail. Treatment approved OOYOE on 8/7/2019. Site Condition Proposed Start Date: Proposed Start Date: 10/1 /2020 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop A10 - Density Trees Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul Openiand Specs: Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Step Condition Prescription Regen: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul Openiand Specs: Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Step Condition Site Condition Step Condition	Proposed S	tart Date: 10/1									
Specs: stand. Use Atlanta grouse spec. 5.2.4.7. Next Step Treatments: Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Regen: Any combination of aspen, maple, oak or conifer Regen: Other Comment: Use current, standard trail specs for safety and infrastructure protection of ORV trail. Treatment approved OOYOE on 8/7/2019. Site Condition Proposed Start Date: 10/1 /2020 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop Allo-Herbaceous Openland Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul specs: Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regen: Step Conflicion Other Comment: Site Condition Step Conflicion	36 54049	036-Ccr 6.3	3 4130 - Aspen		r 56	81-110	Harvest		413 - Aspen	Even-Aged	١
Treatments: Any combination of aspen, maple, oak or conifer Acceptable Regen: Any combination of aspen, maple, oak or conifer Other Use current, standard trail specs for safety and infrastructure protection of ORV trail. Treatment approved OOYOE on 8/7/2019. Comment: Site Condition Proposed Start Date: 10/1 /2020 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop 310 - Density Trees 310 - Herbaceous Openland Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul Specs: Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regen: Acceptable Regen: Site Condition Other Site Condition Site Condition Site Condition		CCR. Retain 3 stand. Use Atl	3 to 10 percent of trea anta grouse spec. 5.2	itment area 2.4.7.	in one o	or more p	atches. Location	n(s) will be in or nea	ar the stream buf	fer on north sid	de of
Regen: Other Use current, standard trail specs for safety and infrastructure protection of ORV trail. Treatment approved OOYOE on 8/7/2019. Site Condition Proposed Start Date: 10/1 /2020 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop 310 - Herbaceous Openland Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul Specs: Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regen: Other Comment: Site Condition	Next Step	Monitoring, Na	tural Regen (Re-Inver	ntory)							
Comment: Site Condition Proposed Start Date: 10/1 /2020 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop 310 - Density Trees re //Grass Planting Herbaceous Openland Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul Specs: Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regen: Other Comment: Site Condition	Treatments	<u>-</u>		• /							
Proposed Start Date: 10/1 /2020 38 54049038-NF 13.3 3303 - Mixed Low Nonstocked Immatu NonForestMgt Herbaceous/Crop Jin-Herbaceous Openland Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul specs: Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regen: Other Comment: Site Condition	Acceptable	-	on of aspen, maple, o		r						
38 54049038-NF 13.3 3303 - Mixed Low Nonstocked registry Trees Immatu NonForestMgt Herbaceous/Crop / Herbaceous / Openland 310 - Herbaceous / Herbaceous / Openland Prescription Specs: practices Density Trees re //Grass Planting mowing, planting, or other agricul / Specs Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regen: Other Other Site Condition	Acceptable Regen: Other	_ Any combination		ak or conife		ucture pro	otection of ORV t	rail. Treatment app	proved OOYOE of	on 8/7/2019.	
Density Trees re /Grass Planting Herbaceous Openland Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agricul practices Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regen: Other Comment: Site Condition	Acceptable Regen: Other Comment:	Any combinatio		ak or conife		ucture pro	otection of ORV t	rail. Treatment app	proved OOYOE o	on 8/7/2019.	
Specs: practices Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regen: Other Comment: Site Condition	Acceptable Regen: Other Comment: Site Conditi	Any combination Use current, st	andard trail specs for	ak or conife		ucture pro	otection of ORV t	trail. Treatment app	proved OOYOE o	on 8/7/2019.	
Use current, standard trail specs for safety and infrastructure protection. Next Step Treatments: Acceptable Regen: Other Comment: Site Condition	Acceptable Regen: Other Comment: Site Conditi Proposed S	Any combination Use current, st <u>on</u> <u>start Date:</u> 10/1 /	andard trail specs for /2020 3 3303 - Mixed Low	ak or conife	infrastr	Immatu		Herbaceous/Crop	310 - Herbaceous	on 8/7/2019.	•
Next Step Treatments: Acceptable Regen: Other Comment: Site Condition	Acceptable Regen: Other Comment: Site Conditi Proposed S 38 54049 Prescriptior	Any combination Use current, st <u>on</u> <u>start Date:</u> 10/1 / 2038-NF 13.3	andard trail specs for /2020 3 3303 - Mixed Low Density Trees	ak or conife safety and Nonstocke	infrastro ed	Immatu re	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		
Acceptable Regen: Other Comment: Site Condition	Acceptable Regen: Other Comment: Site Conditi Proposed S 38 54049 Prescriptior	Any combination Use current, st On Start Date: 10/1 / 2038-NF 13.3 Opening may b practices	andard trail specs for /2020 3 3303 - Mixed Low Density Trees be maintained on an o	Nonstocke	ed	Immatu re pasis to pr	NonForestMgt roduce wildlife fo	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		
Other Comment: Site Condition	Acceptable Regen: Other Comment: Site Conditi Proposed S 38 54049 Prescription Specs: Next Step	Any combination Use current, st On Start Date: 10/1 / Ogas-NF 13.3 Opening may b practices Use current, st	andard trail specs for /2020 3 3303 - Mixed Low Density Trees be maintained on an o	Nonstocke	ed	Immatu re pasis to pr	NonForestMgt roduce wildlife fo	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		ngricultu
	Acceptable Regen: Other Comment: Site Conditi Proposed S 38 54049 Prescription Specs: Next Step Treatments Acceptable	Any combination Use current, st Use current, st <u>on</u> <u>start Date:</u> 10/1 / 2038-NF 13.3 <u>0</u> Opening may by practices Use current, st	andard trail specs for /2020 3 3303 - Mixed Low Density Trees be maintained on an o	Nonstocke	ed	Immatu re pasis to pr	NonForestMgt roduce wildlife fo	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		
Proposed Start Date: 10/1 /2021	Acceptable Regen: Other Comment: Site Conditi Proposed S 38 54049 Prescription Specs: Next Step Treatments Acceptable Regen: Other	Any combination Use current, st Use current, st <u>on</u> <u>start Date:</u> 10/1 / 2038-NF 13.3 <u>0</u> Opening may by practices Use current, st	andard trail specs for /2020 3 3303 - Mixed Low Density Trees be maintained on an o	Nonstocke	ed	Immatu re pasis to pr	NonForestMgt roduce wildlife fo	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		
	Acceptable Regen: Other Comment: Site Conditi Proposed S 38 54049 Prescription Specs: Next Step Treatments Acceptable Regen: Other Comment:	Any combination Use current, st <u>on</u> <u>start Date:</u> 10/1 / 2038-NF 13.3 <u>0</u> Opening may the practices Use current, st	andard trail specs for /2020 3 3303 - Mixed Low Density Trees be maintained on an o	Nonstocke	ed	Immatu re pasis to pr	NonForestMgt roduce wildlife fo	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		
	Acceptable Regen: Other Comment: Site Conditi Proposed S 38 54049 Prescription Specs: Next Step Treatments Acceptable Regen: Other Comment: Site Conditi	Any combination Use current, st Use current, st Con Start Date: 10/1 / 2038-NF 13.3 Dopening may b practices Use current, st Use current, st	andard trail specs for /2020 3 3303 - Mixed Low Density Trees be maintained on an o andard trail specs for	Nonstocke	ed	Immatu re pasis to pr	NonForestMgt roduce wildlife fo	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		
	Acceptable Regen: Other Comment: Site Conditi Proposed S 38 54049 Prescription Specs: Next Step Treatments Acceptable Regen: Other Comment: Site Conditi	Any combination Use current, st Use current, st Con Start Date: 10/1 / 2038-NF 13.3 Dopening may b practices Use current, st Use current, st	andard trail specs for /2020 3 3303 - Mixed Low Density Trees be maintained on an o andard trail specs for	Nonstocke	ed	Immatu re pasis to pr	NonForestMgt roduce wildlife fo	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		
	Acceptable Regen: Other Comment: Site Conditi Proposed S 38 54049 Prescriptior Specs: Next Step Treatments Acceptable Regen: Other Comment: Site Conditi	Any combination Use current, st Use current, st Con Start Date: 10/1 / 2038-NF 13.3 Dopening may b practices Use current, st Use current, st	andard trail specs for /2020 3 3303 - Mixed Low Density Trees be maintained on an o andard trail specs for	Nonstocke	ed	Immatu re pasis to pr	NonForestMgt roduce wildlife fo	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		

S t	At	lanta	Mgt. Unit		Repo	rt 3 ⁻	Freatments		Compartmen Year of Entry		
a n Treatr d Nan		s	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Hab Cu
	9039- 14 her	4.1	4319 - Mixed Upland Forest	Sapling Poor	5	Immatu re	Other	Other	42221 - Natural Jack Pine, Mixed Deciduous	Even-Aged	N
Prescription Specs:	objective.		-				-	d to desired Natura and close this treat	al Jack Pine, Mixed	l Deciduous co	over typ
<u>Next Step</u> Treatments:	SitePrep, Tre	enching		idder - Site	Prep;	Planting,	Initial Plant; M		Regen(1yr); SiteF	Prep, Roller Ch	nopping
Acceptable Regen: Other Comment:											
Site Conditic	_										
Proposed St	art Date: 10/	1 /202′	1								
43 540490	43-Cut :	5.9 612	22 - Black Spruce		er 72	111- 140	Harvest	Clearcut with Retention	6128 - Lowland Coniferous,	Even-Aged	Ν
<u>Specs:</u> <u>Next Step</u> <u>Treatments:</u>	-keep treatm -protect Atlar Monitoring, N	o in are ent bo nta OR latural	ea retention (alrea undary at least 3 V trail in timber s Regen (Re-Inve	00ft away fi sale specific ntory)	rom Bru cations	site condit sh Creek	(already exclud	ed, see site condit	Mixed Deciduous ions layer)		
Specs: Next Step Treatments: Acceptable Regen: Other Comment:	-leave 3-10% -keep treatm -protect Atlar Monitoring, N -any combina	o in are ent bo nta OR latural	ea retention (alreat undary at least 3 V trail in timber s	ady exclude 00ft away fi sale specific ntory)	rom Bru cations	site condit sh Creek	(already exclud		Deciduous		
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Conditio	-leave 3-10% -keep treatm -protect Atlar Monitoring, N -any combina	a in are ent bo nta OR latural ation o	ea retention (alrea undary at least 3 V trail in timber s Regen (Re-Inve f aspen, maple, o	ady exclude 00ft away fi sale specific ntory)	rom Bru cations	site condit sh Creek	(already exclud		Deciduous		
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Conditio	-leave 3-10% -keep treatm -protect Atlar Monitoring, N -any combina <u>n</u> <u>art Date:</u> 10/	a in are ent bo nta OR latural ation o	ea retention (alrea undary at least 3 V trail in timber s Regen (Re-Inve f aspen, maple, o	ady exclude 00ft away fi sale specific ntory)	rom Brucations	site condit sh Creek lar, and pi	(already exclud		Deciduous	Even-Aged	Ν
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Conditio Proposed St	-leave 3-10% -keep treatm -protect Atlar Monitoring, N -any combina <u>art Date:</u> 10/ 44-Cut 1 -clearcut -leave 3-10% -protect Atlar	ation of 1 /202 ⁻	ea retention (alrea undary at least 3 V trail in timber s Regen (Re-Inver f aspen, maple, o 1 4130 - Aspen ention pocket(s)	ady exclude 00ft away fi sale specific ntory) bak, fir, spru Poletimbe Well	rom Brucations	site condit sh Creek dar, and pi	(already exclud ne of medium t	o high stocking	Deciduous ions layer) 4130 - Aspen	Even-Aged	N
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Conditio Proposed St 44 540490 Prescription	-leave 3-10% -keep treatm -protect Atlar Monitoring, N -any combina <u>n</u> <u>art Date:</u> 10/ 44-Cut 1! -clearcut -leave 3-10% -protect Atlar -add grouse	a in are ent bo hta OR latural ation o 1 /202 ⁻ 5.7 5.7 5.7	ea retention (alrea undary at least 3 V trail in timber s Regen (Re-Inver f aspen, maple, o 1 4130 - Aspen ention pocket(s)	ady exclude 00ft away fi sale specific ntory) pak, fir, spro Poletimbe Well sale specific n (recomme	rom Brucations	site condit sh Creek dar, and pi	(already exclud ne of medium t	o high stocking Clearcut with Retention	Deciduous ions layer) 4130 - Aspen	Even-Aged	N
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed St 44 540490 Prescription Specs: Next Step Treatments:	-leave 3-10% -keep treatm -protect Atlar Monitoring, N -any combina art Date: 10/ 44-Cut 15 -clearcut -leave 3-10% -protect Atlar -add grouse Monitoring, N	ation of the test of test	ea retention (alrea undary at least 3 V trail in timber s Regen (Re-Inver f aspen, maple, o 1 4130 - Aspen ention pocket(s) V trail in timber s sale specificatio	ady exclude 00ft away fi sale specific ntory) bak, fir, spro Poletimbe Well sale specific n (recomment ntory)	rom Brucations	site condit sh Creek dar, and pi 51-80	(already exclud ne of medium t Harvest	o high stocking Clearcut with Retention	Deciduous ions layer) 4130 - Aspen	Even-Aged	Ν
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed St 44 540490 Prescription Specs: Next Step Treatments: Acceptable	-leave 3-10% -keep treatm -protect Atlar Monitoring, N -any combina art Date: 10/ 44-Cut 15 -clearcut -leave 3-10% -protect Atlar -add grouse Monitoring, N	ation of the test of test	ea retention (alrea undary at least 3 V trail in timber s Regen (Re-Inver f aspen, maple, o 1 4130 - Aspen ention pocket(s) V trail in timber s sale specificatio Regen (Re-Inver	ady exclude 00ft away fi sale specific ntory) bak, fir, spro Poletimbe Well sale specific n (recomment ntory)	rom Brucations	site condit sh Creek dar, and pi 51-80	(already exclud ne of medium t Harvest	o high stocking Clearcut with Retention	Deciduous ions layer) 4130 - Aspen	Even-Aged	•
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Conditic Proposed St 44 540490 Prescription Specs: Next Step Treatments: Acceptable Regen: Other	-leave 3-10% -keep treatm -protect Atlar Monitoring, N -any combina art Date: 10/ 44-Cut 1 -clearcut -leave 3-10% -protect Atlar -add grouse Monitoring, N -any combina	ation of the test of test	ea retention (alrea undary at least 3 V trail in timber s Regen (Re-Inver f aspen, maple, o 1 4130 - Aspen ention pocket(s) V trail in timber s sale specificatio Regen (Re-Inver	ady exclude 00ft away fi sale specific ntory) bak, fir, spro Poletimbe Well sale specific n (recomment ntory)	rom Brucations	site condit sh Creek dar, and pi 51-80	(already exclud ne of medium t Harvest	o high stocking Clearcut with Retention	Deciduous ions layer) 4130 - Aspen	Even-Aged	N

S			Atlant	ta Mgt. Unit	t		Repoi	rt3	Treatments		Compartmer Year of Entr		DNR DNR
t a n d	Treat Nai		Acres	Stand CoverTy	pe	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
45	54049	045-NF	3.0	310 - Herba Openla		Nonstocke	ed		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
				maintained	on an o	ngoing rota	ational b	asis to p	produce wildlife fo	orage through burnir	·	ting, or othe	ragriculture
<u>Spe</u>	t Step	practice	85										
	atments:												
Acc Rec	eptable jen:												
<u>Oth</u> Con	<u>er</u> nment:												
	Conditio	on											
Pro	posed St	tart Date	<u>:</u> 10/1 /20	021									
46	54049	046-NF	3.1	310 - Herba Openla		Nonstocke	ed		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
				maintained	on an o	ngoing rota	ational b	asis to p	produce wildlife fo	orage through burnir	·	ting, or othe	ragriculture
<u>Spe</u>	<u>ecs:</u> tt Step_	practice	es										
	atments:												
Acc Rec	eptable												
Oth	er												
	nment: Conditio												
			<u>:</u> 10/1 /20	021									
50		9050- nitor	58.7	42110 - Pla Red Pir		Sapling Well	5	Immatu re	u Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Age	d No
<u>Pres</u> Spe		-Survey	/ regenera	ation per Wo	rk Instru	uctions							
	<u>tt Step</u> atments:												
Acc Rec		trench	and replai	nt to rp									
<u>Oth</u> <u>Con</u>	<u>er</u> nment:	Percen	t to Treat	= 100%									
<u>Site</u>	Conditio	<u>on</u>											
<u>Pro</u>	posed St	tart Date	<u>:</u> 10/1 /20	020									
52	54049	052-Cut	5.0	42210 - Na Red Pii		Sawtimbe Poor	er 90	1-50	Harvest	Clearcut with Retention	42110 - Planted Red Pine	Even-Age	d No
Pres Spe		-clearc	ut-area re	tention alrea	dy left t	o the north	(see si	te condit	tions layer)-prote	ct Atlanta ORV trail	in timber sale sp	ecifications	
	<u>tt Step</u> atments:			Chopping; er - Release;					kidder - Release	; Planting, Initial P	ant; Monitoring	, Artificial Re	gen(1yr);
<u>Acc</u> <u>Rec</u>		-fully st	ocked rec	d pine and/or	jack pir	ne with a m	ninor co	mponen	t of mixed decidu	ous species			
<u>Oth</u> Con	<u>er</u> nment:												
<u>Site</u>	Conditio	<u>on</u>											
Pro	posed St	tart Date:	<u>:</u> 10/1 /20	021									

S t		Allanta	Mgt. Unit		керо	rt 3	Treatments		Compartmen Year of Entry		
a n Treat d Nar		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
56 54049	056-Cut	30.3	42110 - Planted Red Pine	Sawtimbe Well	er 89	81-110	Harvest	Clearcut with Retention	42110 - Planted Red Pine	Even-Aged	No
Prescription Specs:	-leave 3-1		tention pocket(s) a RV trail in timber s			e Atlanta	ORV trail				
<u>Next Step</u> Treatments:			hopping; Pesticio - Release; Monit				Prep, Trenching;	; Planting, Initial F	Plant; Monitoring,	Artificial Reg	en(1yr);
Acceptable Regen:	-fully stoc	ked red p	pine and jack pine	with a mine	or comp	onent of	mixed deciduous	s species			
<u>Other</u> Comment:											
Site Condition	on Surve	y Needec	ł								
Proposed St											
62 54049	062-Cut	18.3	42110 - Planted Red Pine	Sawtimbe Well	er 60	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	N
Prescription Specs:	-thin to 12	20 residua	al BA								
Next Step											
Treatments:	<u>.</u>										
Treatments: Acceptable		ring leaf c	on or off, subcanop	oy is relativ	ely uno	ccupied					
Treatments: Acceptable Regen: Other	-mark dur	ring leaf c	on or off, subcanop	oy is relativ	ely uno	ccupied					
Treatments: Acceptable Regen: Other Comment:	-mark dur <u>on</u>	Ū		oy is relativ	ely uno	ccupied					
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Si	-mark dur <u>on</u>	10/1 /202		py is relativ Poletimbe Well	-	ccupied 81-110	Harvest	Clearcut with Retention	42221 - Natural Jack Pine, Mixed Deciduous	Even-Aged	N
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Si	-mark dur on tart Date: 065-Cut -clearcut -leave 3-1 -protect h -keep trea	10/1 /202 22.4 10% in religh Atlant	21 42220 - Natural	Poletimbe Well already exe ber sale sp 00ft away fr	r 70 cluded s ecificati om the	81-110 south of E	Brush Creek Truc	Retention ck Trl	Jack Pine, Mixed	Even-Aged	N
Treatments: <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Si</u> 65 54049 <u>Prescription</u> <u>Specs:</u> <u>Next Step</u>	-mark dur on tart Date: o65-Cut -leave 3-1 -protect h -keep trea -protect A Monitoring	10/1 /202 22.4 10% in ref igh Atlant atment bo ttlanta OF g, Natura	tention pocket(s) (ta ORV trail in tim pundary at least 10 RV trail in timber s RV trail in timber s	Poletimbe Well already exit ber sale sp 20ft away fr ale specific tiate); Site	cluded s ecificati om the ations Prep, F	81-110 south of E ons intermitte	Brush Creek Truc ent stream to the opping; Pesticid	Retention ck Trl	Jack Pine, Mixed Deciduous rep; SitePrep, Tro	Ū	
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Site 65 54049 Prescription Specs: Next Step Treatments:	-mark dur on tart Date: 065-Cut -clearcut -leave 3-1 -protect h -keep trea -protect A Monitoring Initial Plan -any coml -survey re	10/1 /202 22.4 10% in religh Atlant atment bo Atlanta OF g, Natura nt; Pesti bination c	21 42220 - Natural Jack Pine tention pocket(s) (ta ORV trail in tim pundary at least 10 RV trail in timber s I Regen (Intermed icide, Skidder - Re of pine, aspen, ma on early	Poletimbe Well Galready exc ber sale sp Doft away fr ale specific liate); Site elease; Mo uple, oak, fii	er 70 cluded s ecificati om the cations Prep, R onitoring r, and p	81-110 south of E ons intermitte coller Cho g, Artificia ine of me	Brush Creek Truc ent stream to the opping; Pesticid I Regen(1yr); M dium to high stor	Retention ck Trl west le, Skidder - Site P Ionitoring, Artificial cking	Jack Pine, Mixed Deciduous rep; SitePrep, Tro	Ū	
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Site 65 54049 Prescription Specs: Next Step Treatments: Acceptable	-mark dur on tart Date: 065-Cut -clearcut -leave 3-1 -protect h -keep trea -protect A Monitoring Initial Plan -any coml -survey re	10/1 /202 22.4 10% in religh Atlant atment bo Atlanta OF g, Natura nt; Pesti bination c	21 42220 - Natural Jack Pine tention pocket(s) (ta ORV trail in tim pundary at least 10 RV trail in timber s I Regen (Intermed icide, Skidder - Re	Poletimbe Well Galready exc ber sale sp Doft away fr ale specific liate); Site elease; Mo uple, oak, fii	er 70 cluded s ecificati om the cations Prep, R onitoring r, and p	81-110 south of E ons intermitte coller Cho g, Artificia ine of me	Brush Creek Truc ent stream to the opping; Pesticid I Regen(1yr); M dium to high stor	Retention ck Trl west le, Skidder - Site P Ionitoring, Artificial cking	Jack Pine, Mixed Deciduous rep; SitePrep, Tro	Ū	
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Si 65 540490 Prescription Specs: Next Step Treatments: Acceptable Regen: Other	-mark dur on tart Date: 065-Cut -clearcut -leave 3-1 -protect h -keep trea -protect A Monitoring Initial Plan -any coml -survey re -planted r	10/1 /202 22.4 10% in religh Atlant atment bo Atlanta OF g, Natura nt; Pesti bination c	21 42220 - Natural Jack Pine tention pocket(s) (ta ORV trail in tim pundary at least 10 RV trail in timber s I Regen (Intermed icide, Skidder - Re of pine, aspen, ma on early	Poletimbe Well Galready exc ber sale sp Doft away fr ale specific liate); Site elease; Mo uple, oak, fii	er 70 cluded s ecificati om the cations Prep, R onitoring r, and p	81-110 south of E ons intermitte coller Cho g, Artificia ine of me	Brush Creek Truc ent stream to the opping; Pesticid I Regen(1yr); M dium to high stor	Retention ck Trl west le, Skidder - Site P Ionitoring, Artificial cking	Jack Pine, Mixed Deciduous rep; SitePrep, Tro	Ū	

Atlanta Mgt. Unit **Report 3 -- Treatments** Compartment: 49 Year of Entry: 2022 S t а Treatment Stand Size Stand BA Treatment Treatment Cover Type Acres Age Habitat n Method Name CoverType Density Age Range Туре Objective Structure Cut d 79 54049079-Cut 8.8 4134 - Aspen. Sawtimber 90 81-110 Harvest Clearcut 4130 - Aspen Even-Aged No Spruce/Fir Well Prescription -clearcut -leave 3-10% in area retention (already excluded, see site conditions layer) Specs: -keep treatment boundary at least 300ft away from Miller Creek (already excluded, see site conditions laver) -add grouse timber sale specification (recommend marking 1 log sized tree to fell and/or push over every 2 acres) Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable -any combination of aspen, maple, oak, fir, and pine of medium to high stocking Regen: Other Comment: Site Condition Proposed Start Date: 8 /7 /2020 80 54049080-Cut 100.4 4130 - Aspen Poletimber 50 81-110 Harvest Clearcut with 4130 - Aspen Even-Aged No Well Retention Prescription -clearcut Specs: -leave 3-10% in area retention (already excluded, see site conditions layer) -keep treatment boundary at least 300ft away from Miller Creek (already excluded, see site conditions layer) -add grouse timber sale specification (recommend marking 1 log sized tree to fell and/or push over every 2 acres) Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable -any combination of aspen, maple, oak, fir, and pine of medium to high stocking Regen: Other Comment: Site Condition Proposed Start Date: 8 /7 /2020 4211 - Planted 98 54049098-Cut 14.6 42110 - Planted Sawtimber 89 141-Harvest Clearcut with Even-Aged No Red Pine Well 170 Retention Red Pine Prescription -clearcut -leave 3-10% in retention pocket(s) along portions of the Atlanta ORV trail Specs: -protect Atlanta ORV trail in timber sale specifications Pesticide, Skidder - Release; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder -Next Step Treatments: Release; SitePrep, Roller Chopping; Monitoring, Artificial Regen(3yr) Acceptable -fully stocked red pine with a minor component of mixed deciduous species Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021

S t		Atlanta Mgt. Unit Report 3 Treatments Treatment Acres Stand Size Stand BA Treatment 1							Compartmen Year of Entry		AUCHIGAN
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
105	54049105-Cut	12.6	42110 - Planted Red Pine	Sawtimbe Well	r 81	81-110	Harvest	Clearcut with Retention	42110 - Planted Red Pine	Even-Aged	No
<u>Spec</u> Next	-protect <u>Step</u> SitePre	-10% in re Atlanta O p, Roller C	etention pocket(s) a RV trail in timber s Chopping; Pesticic	ale specific le, Skidder	ations - Site P	rep; Site		Planting, Initial	Plant; Monitoring	, Artificial Re	gen(1yr);
	ptablefully sto		r - Release; Monit pine and/or jack pi	0,			of mixed deciduo	us species			
<u>Othe</u> Comi	<u>r</u> ment:										
Site (<u>Condition</u>										
Prop	osed Start Date:	10/1 /20	21								

Total Treatment Acreage Proposed: 557.7

Compartment: 49 Year of Entry: 2022



Darrick Coy : Examiner

Availability for Management

Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Cond	ditions	5		
Acres	Available	With Condition	Not Available		21	5B	5C	2G	3A	3J	5E
445	261	147	37	Aspen			147	0	0	29	8
11	0	0	11	Cedar				5	0	6	
18	18	0	0	Herbaceous Openland					0		
357	345	0	12	Jack Pine						5	7
22	21	0	1	Low-Density Trees				0		1	0
21	8	0	14	Lowland Aspen/Balsam Poplar						14	
44	0	4	40	Lowland Conifers			4	19		20	
39	5	12	22	Lowland Deciduous			12	4	0	18	1
66	13	0	53	Lowland Shrub				0		53	0
35	8	0	27	Lowland Spruce/Fir				18		9	1
16	0	0	16	Mixed Upland Deciduous					16		
23	18	2	3	Natural Mixed Pines		2			3		
33	33	0	0	Planted Mixed Pines							
496	403	84	10	Red Pine	30		53	0	0	4	6
13	13	0	0	Upland Conifers							
121	100	0	21	Upland Mixed Forest				0	0	16	4
1	1	0	0	Upland Shrub							
9	9	0	0	Urban							
9	0	0	9	White Pine					9		
1,781	1,256	250	275	Total Forested Acres	30	2	217	47	28	174	27
	71%	14%	15%	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.

	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This is long term ret	ention from timber Sale Name	e: C49 RF	PP TWO; Sale Number: 5	4-014-11-01.		

	k Coy : Examiner				Compartment: 49 Year of Entry: 2022	DNR CHIGAN
Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for st	tand 65					
Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
	-area retention for s -Priority Trout Stread Unavailable Comments: Unavailable Comments: Unavailable Comments: area retention for s Unavailable Comments: -no area retention of -use as area retent	-area retention for stand 79 -Priority Trout Stream 100 m BufferUnavailable5E: Long-Term RetentionComments:Unavailable2G: Too wet (sensitive soils, does not include access issues)Comments:Unavailable5E: Long-Term RetentionComments: area retention for stand 65Unavailable5E: Long-Term RetentionComments: area retention for stand 65Unavailable5E: Long-Term RetentionComments: area retention for stand 65Unavailable5E: Long-Term RetentionComments: area retention for stand 86Unavailable2G: Too wet (sensitive soils, does not include access issues)	-area retention for stand 79 -Priority Trout Stream 100 m Buffer Unavailable 5E: Long-Term Retention Unavailable 2G: Too wet (sensitive soils, does not include access issues) Unavailable 2G: Too wet (sensitive soils, does not include access issues) Comments: 1 Unavailable 5E: Long-Term Retention 1 Comments: 1 Unavailable 5E: Long-Term Retention 1 Comments: 1 1 area retention for stand 65 1 1 Unavailable 5E: Long-Term Retention 4 Comments: 1 1 area retention for stand 65 1 1 Unavailable 5E: Long-Term Retention 4 Comments: 1 1 -no area retention designated on past sale map -use as area retention for stand 86 5 Unavailable 2G: Too wet (sensitive soils, does not include access issues) 5	Lake) Comments: -area retention for stand 79 -Priority Trout Stream 100 m Buffer Unavailable 5E: Long-Term Retention Unavailable 2G: Too wet (sensitive soils, does not include access issues) Unavailable 2G: Too wet (sensitive soils, does not include access issues) Comments: 4 Unavailable 5E: Long-Term Retention 4 Unspecified Comments:	Iake) Comments: -area retention for stand 79 -Priority Trout Stream 100 m Buffer Unavailable 5E: Long-Term Retention 1 Unspecified Comments: Unavailable 2G: Too wet (sensitive soils, does not include access issues) 4 Unspecified Unspecified Comments: Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Comments: Unspecified Unspecified Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Comments: Unspecified Unspecified Inavailable 5E: Long-Term Retention 4 Unspecified Unspecified Comments: -no area retention for stand 86 Unspecified Unspecified Unavailable 2G: Too wet (sensitive soils, does not include access issues) 5 Unspecified Unspecified	Iake) Comments: area retention for stand 79 -Priority Trout Stream 100 m Buffer Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Unspecified Comments:

		Atlanta Mgt. Unit ck Coy : Examiner		Report 4 – Site Cond	itions	Compartment: 49 Year of Entry: 2022	AND THE PARTY OF T	
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)			Unspecified	Unspecified	Unspecified	
	Comments: Priority Trout Strea	m 100 m Buffer						
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments:							
11	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: This is long term re	etention from Stand 47, Sale Nar	me: C4	9 RPP TWO; Sale Number: 5	54-014-11-01.			
			05		Unspecified	Unspecified	Unspecified	
12	Unavailable	3A: Conservation Values incompatible with harvest at this time	25	Unspecified	Chippeonied	Unspecified	Unspecified	
12	Unavailable Comments:	incompatible with harvest		Unspecified				
12		incompatible with harvest	25	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified	

Report 4 – Site Conditions

Unspecified

11

Compartment: 49

Year of Entry: 2022



Unspecified

Darrick Coy : Examiner

Unavailable

14

Atlanta Mgt. Unit

3J: Water quality / BMPs

Unspecified	Unspecified
Uneposified	Upspecified

Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified S
Unspecified Unspecified Unspecified div Unspecified Unspecified Unspecified S
div Unspecified Unspecified Unspecified S
div Unspecified Unspecified Unspecified S
S
S
div Unspecified Unspecified Unspecified S
Unspecified Unspecified Unspecified
lumber: 54-014-11-01.
Unspecified Unspecified Unspecified

Report 4 – Site Conditions

Compartment: 49

Year of Entry: 2022



Darrick Coy : Examiner

Atlanta Mgt. Unit

21	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: area retention for s	tand 21					
22	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
23	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: area retention for s	tand 89					
24	Unavailable	5E: Long-Term Retention	7	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments: -area retention for s Priority Trout Strea						
25	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments: -area retention for s Priority Trout Strea						
26	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments: -area retention for s	stand 43 am 100 m Buffer					

		Atlanta Mgt. Unit ck Coy : Examiner		Report 4 – Site Cond	itions	Compartment: 49 Year of Entry: 2022	And Antimatic an	
27	Unavailable	ible 2G: Too wet (sensitive 9 soils, does not include access issues)		soils, does not include BMPs (stream, river, or		Unspecified	Unspecified	
C	Comments:							
28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified	
C	Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
30	Available	2I: Survey needed	30	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
31	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	49	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
32	Available	5B: Maintain for regeneration purposes	2	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified	
C	Comments:							

Atlanta Mgt. Unit Darrick Coy : Examiner				Report 4 – Site Cond	itions	Compartment: 49 Year of Entry: 2022	DUR	
33	Unavailable	navailable 2G: Too wet (sensitive soils, does not include access issues)		ude		Unspecified	Unspecified	
C	Comments:							
34	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified	
C	Comments:							
35	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
36	Unavailable	3A: Conservation Values incompatible with harvest at this time	3	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
37	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							
38	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	45	Unspecified	Unspecified	Unspecified	Unspecified	
C	Comments:							

			Report 4 – Site Cor	nditions	Compartment: 49 Year of Entry: 2022	DR MATURAT	
Available	vailable 5C: Delay treatment for age/size class diversity or exceptional site quality		Unspecified	Unspecified	Unspecified	Unspecified	
omments:							
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified	
omments:							
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	47	Unspecified	Unspecified	Unspecified	Unspecified	
omments:							
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified	
	Darri Available omments: Available omments: Available	age/size class diversity or exceptional site quality omments: Available 5C: Delay treatment for age/size class diversity or exceptional site quality omments: Available 5C: Delay treatment for age/size class diversity or exceptional site quality omments: Available 5C: Delay treatment for age/size class diversity or exceptional site quality omments: SC: Delay treatment for age/size class diversity or exceptional site quality omments: SC: Delay treatment for age/size class diversity or exceptional site quality	Atlanta Mgt. Unit Darrick Coy : Examiner Available 5C: Delay treatment for age/size class diversity or exceptional site quality 51 Available 5C: Delay treatment for age/size class diversity or exceptional site quality 3 Available 5C: Delay treatment for age/size class diversity or exceptional site quality 3 Available 5C: Delay treatment for age/size class diversity or exceptional site quality 47 Available 5C: Delay treatment for age/size class diversity or exceptional site quality 47 Available 5C: Delay treatment for age/size class diversity or exceptional site quality 47 Available 5C: Delay treatment for age/size class diversity or exceptional site quality 47	Atlanta Mgt. Unit Darrick Coy : Examiner Available 5C: Delay treatment for age/size class diversity or exceptional site quality 51 Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 3 Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 3 Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 47 Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 47 Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 47 Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 47 Unspecified	Darrick Coy : Examiner Available 5C: Delay treatment for age/size class diversity or exceptional site quality 51 Unspecified Unspecified omments:	Atlanta Mgt. Unit Compartment: 49 Darrick Coy : Examiner Year of Entry: 2022 Available 5C: Delay treatment for age/size class diversity or exceptional site quality 51 Unspecified Unspecified Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 3 Unspecified Unspecified Unspecified Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 3 Unspecified Unspecified Unspecified Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 47 Unspecified Unspecified Unspecified Available 5C: Delay treatment for exceptional site quality 47 Unspecified Unspecified Unspecified omments: Image: Size class diversity or exceptional site quality 12 Unspecified Unspecified Unspecified	



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
Historically Used Pit (years 1965-69)	Mineral Resource Area	Sand or Gravel Pit	Error	0
Comments				
historically mined in the past	t for county road use			



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.

Conservatior Area	п Туре	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen co stocked trout populations and those of other coldwater fish sp year to year. Coldwater streams in Michigan typically provide contributions of groundwater to their stream flows. Such strea designated as trout resources by Fisheries Order 210.	ecies (e.g., slimy sculpin) to persist from these conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems influences the aquatic ecosystem and vice-versa. Because of streams and open water wetlands, riparian areas harbor a hig communities are ecologically and socially significant in their e as aesthetics, habitat, bank stability, timber production, and th	the unique conditions adjacent to lakes, h diversity of plants and wildlife. Riparian ffects on water quality and quantity, as well

Report 7 – Stands



A DNI

tan	d Level 4 C	over Type		Size Den	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments				
1	6122 - Black Spruce)	Poletimber Well		² oletimber Wel		² oletimber We		8.5	71	81-110	N/A		old deer blind west of wildlife openingsome higher ground on east 1/4
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	5 Density	Avg. Height	Size	where log jp and rp exist-too wet				
	Paper Birch	2	Pole	5		Bal	sam Fir	Medium	Variable	Sapling					
	Black Spruce	65	Pole	7	71	Blac	k Spruce	Low	Variable	Sapling					
	Jack Pine	10	Log/Pole	10		Та	g Alder	Medium	5 - 10 feet	Tall Shrub					
	Red Pine	3	Log/XLog	16		Red	d Maple	Medium	Variable	Sapling					
No	orthern White Cedar	10	Log/Pole	12		Serviceber	ry (Juneberry	/) Low	5 - 10 feet	Sapling					
	Tamarack	5	Pole	7											
	Balsam Fir	5	Pole	7											
2	4130	- Aspen		Poletimbe	er Well	2.1	43	51-80	N/A						
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	5 Density	Avg. Height	Size					
	Quaking Aspen	78	Pole	7	43	Bal	sam Fir	Medium	Variable	Sapling					
	Balsam Fir	10	Pole	7		Red	d Maple	Medium	Variable	Sapling	-				
	Jack Pine	2	Log	12		Gray	Dogwood	Medium	5 - 10 feet	Tall Shrub					
	Red Maple	10	Pole/Saplin	g 5		Blac	k Cherry	Medium	5 - 10 feet	Sapling					
3	3303 - Mixed L	ow Density	Trees	Nonstoo	cked	4.2	ι	Unspecified	No						
4	310 - Herbac	eous Open	lland	Nonstoc	cked	1.1	ι	Unspecified	No						
5	42210 - Nat	tural Red P	ine	Sawtimbe	er Well	4.3	87	81-110	N/A		-area was left as area retention for stand 93				
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	5 Density	Avg. Height	Size					
	Red Pine	100	Log	14	87	Northe	rn Pin Oak	Medium	Variable	Sapling					
						Bal	sam Fir	Low	Variable	Sapling					
						Re	d Pine	Low	Variable	Sapling					
6	320 - Up	land Shrub		Nonstoo	cked	1.1	ι	Unspecified	No						
7	42110 - Pla	nted Red P	line	Poletimbe		39.6	37	141-170	N/A		-FTP record- planted 5/1983 800 trees/acre at 6 x 9-10 spacing with OI AG-6 and killifer planter (interplanted with existing jp)-past treatment				
	Canopy Species	% Cover	Size Class	DBH			opy Species	B Density	Avg. Height	Size	completionsale numberleave treesvolume (cds)40% live				
	Red Pine	70	Pole	8	37	Chok	e Cherry	Medium	5 - 10 feet	Sapling	crown				
	Jack Pine	15	Pole/Log	8		Northe	rn Pin Oak	Medium	< 5 feet	Sapling					

Report 7 – Stands



DNR

Stan	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	lite	General Comments
8	42210 - Na	tural Red Pi	ne S	Sawtimb	er Well	2.7	89	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	2	Log	12		Northe	rn Pin Oak	Medium	Variable	Sapling	
	Northern Pin Oak	5	Log/Pole	12		Re	ed Pine	Low	Variable	Sapling	
	Red Pine	93	XLog/Log	18	89	Blac	k Cherry	Low	5 - 10 feet	Sapling	
						Re	d Maple	Medium	Variable	Sapling	
9	42220 - Nat	tural Jack P	ine F	Poletimb	er Well	43.2	67	81-110	N/A		The overstory data for this stand was lost when the east portion of this
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	stand's harvest data was updated. The info used to describe the stand was taken from the 2012 YOE inventory binderbored 4 trees, age is
	Jack Pine	85	Pole/Log	9	67	Northe	rn Pin Oak	Medium	Variable	Sapling	younger
	Quaking Aspen	5	Log	14		Wh	ite Oak	Low	Variable	Sapling	
	Red Pine	5	Log	15		Re	ed Pine	Low	Variable	Sapling	
	Northern Pin Oak	5	Log	14							-
10	4133 - Aspe	en, Mixed Pi	ne F	Poletimb	er Well	5.9	46	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	50	Pole	7	46	Northe	rn Pin Oak	Low	Variable	Sapling	
	Red Pine	30	XLog/Log	18	89	Blac	k Cherry	Medium	5 - 10 feet	Sapling	
	Red Maple	20	Pole/Sapling	5		Re	d Maple	Medium	Variable	Sapling	
11	42111 - Planteo Dec	d Red Pine, iduous	Mixed	Sapling	y Well	48.6	4	Immature	N/A		Overstory removal was to release fully established rp regen. rp regen is natural and planted. Survey needed to determine status of regeneration
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Pine	80	Sapling	1	4						
	Northern Pin Oak	15	Sapling	1							
	Choke Cherry	5	Sapling	1							
12	42220 - Nat	tural Jack P	ine F	Poletimb	er Well	5.5	47	81-110	N/A		water table seems higher here
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
		10	Dala/Carlina			N la utila a		Lave	5 - 10 feet	Contine	
	Quaking Aspen	10	Pole/Sapling	7		Northe	rn Pin Oak	Low	5 - 10 leet	Sapling	
	Quaking Aspen Jack Pine	10 85	Pole/Sapling Pole	8 15	47		rrn Pin Oak rry (Juneberry	-	Variable	Sapling	

Report 7 – Stands

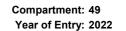
Compartment: 49

NE DNE

Year of Entry: 2022

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	3A Range	Managed S	lite	General Comments
13	42110 - Plai	nted Red P	'ine S	Sawtimb	er Well	50.6	79	141-170	N/A		orv trail thru stand
C	anopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	-past treatment- thinning, N of 2-trk only, cut all JP -completion- 1/21/76
	aking Aspen	2	Log	12		Northe	rn Pin Oak	Medium	< 5 feet	Sapling	-sale number- 122-74
Nor	thern Pin Oak	5	Log/Pole	12		Re	d Pine	Low	Variable	Sapling	-leave trees- other spec
	Red Pine	93	Log	14	79	Black	k Cherry	Low	5 - 10 feet	Sapling	-volume (cds)- jp 440
											-past treatment- thinning, S of 2 trk only, cut all JP -sale number- 54-018-94-01 -acres- 40 -leave trees- rp and oak -volume (cds)- JP 344 -completion- 1/18/95 planting records for 1929, 1937, and 1939, cored 2 trees and average closer to 79 yrs
14	42110 - Plai	nted Red P	'ine F	Poletimb	er Well	12.6	37	111-140	N/A		-FTP record- planted 5/1983 800 trees/acre at 6 x 9 spacing with Olive
C	anopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	AG-6 and killifer planter (open planted, not interplanted)-40% live crow
Nor	thern Pin Oak	3	Pole/Sapling	5		Black/Red	(Hybrid) Oak	Low	< 5 feet	Sapling	
	Red Pine	92	Pole/Sapling		37						
	Jack Pine	5	Pole/Sapling	5							
15	42220 - Nat	ural Jack P	Pine F	Poletimb	er Well	17.8	47	51-80	N/A		
C	anopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Pine	15	Log/Pole	13		Northei	rn Pin Oak	Medium	10 - 20 feet	Sapling	
	Jack Pine	80	Pole	7	47	Re	d Pine	Low	< 5 feet	Sapling	
	thern Pin Oak	2	Log/Pole	13		Pin	Cherry	Low	10 - 20 feet	Sapling	
Black/I	Red (Hybrid) Oak	3	Log/Pole	13							
16	42121 - Planted Deci	Jack Pine, iduous	Mixed	Sapling	l Well	45.2	12	Immature	N/A		-past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen
C	anopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	-completion- 11/15/05 -sale number- 54-021-02-01
Nor	thern Pin Oak	20	Sapling	3		Black	k Cherry	Medium	5 - 10 feet	Sapling	-leave trees- oak
	Red Pine	10	Sapling	3	12						-volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, an
	Jack Pine	65	Sapling	3	12						89)
17 ⁴	2260 - Natural Pi	ne, Mixed [Deciduous	Sawtimb	er Well	13.0	78	81-110	N/A		-appears that some of oak was cut and all rm, aspen, and jp
C	anopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	6	47		l Maple	Medium	Variable	Sapling	
Black/I	Red (Hybrid) Oak	15	Log/Pole	11		Black/Red	(Hybrid) Oak	Low	Variable	Sapling	
	White Pine	15	Log/XLog	14		Whi	te Pine	Low	Variable	Sapling	
	Red Pine	40	XLog/Log	18	78						
	Level Dive	5	Pole	8	47						
	Jack Pine Jaking Aspen	5			47						

Report 7 – Stands



tand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
18	6112 - Lov	vland Asper	ı	Sawtimb	er Well	7.5	72	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	70	Log/Pole	10	72	Bal	sam Fir	Low	Variable	Sapling	
	Red Pine	2	Log	12		Та	g Alder	Medium	5 - 10 feet	Tall Shrub	
	Black Spruce	13	Pole	8		Blac	k Cherry	Low	5 - 10 feet	Sapling	
	Jack Pine	15	Log/Pole	10		Rec	d Maple	Medium	Variable	Sapling	
19	4130	- Aspen		Poletimb	er Well	75.1	47	81-110	N/A		4-6 stick, healthy minimal rot
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	6		Rec	d Maple	High	Variable	Sapling	
Blac	ck/Red (Hybrid) Oak	10	Log/Pole	13		Blac	k Cherry	Low	5 - 10 feet	Sapling	
	Quaking Aspen	50	Pole	7	47	Black/Rec	d (Hybrid) Oak	Low	Variable	Sapling	
	White Pine	2	Log	14					1		
	Red Pine	2	Log	13							
	Bigtooth Aspen	26	Pole	7							
20	42141 - Planted Deci		Mixed	Sapling	g Well	9.6	26	1-50	N/A		-past treatment- clearcut-sale number- 54-001-92-01-acres- 8-leave
20		duous	Mixed Size Class		y Well		26 Nopy Species		N/A Avg. Height	Size	rees- none-volume (cds)- jp 111, oak 1, rp 35 -completion- 4/14/93-FTP- RP planting-FTP number- C54-598-acres- 8-stock-
	Deci	duous		DBH		Sub-Car					trees- none-volume (cds)- jp 111, oak 1, rp 35 -completion-
	Deci Canopy Species	duous % Cover	Size Class	DBH e 4		Sub-Car	nopy Species	Density	Avg. Height	Size	rees- none-volume (cds)- jp 111, oak 1, rp 35 -completion- 4/14/93-FTP- RP planting-FTP number- C54-598-acres- 8-stock-
1	Deci Canopy Species Northern Pin Oak Red Pine	duous % Cover 30	Size Class Sapling/Pole Sapling/Pole	DBH e 4	Age 26	Sub-Car	hopy Species k Cherry	Density	Avg. Height	Size Sapling	rees- none-volume (cds)- jp 111, oak 1, rp 35 -completion- 4/14/93-FTP- RP planting-FTP number- C54-598-acres- 8-stock- 2-0-spacingtrees/acre- 871-completion- 05/94 -planted only the east 40? Looks that way
1	Deci Canopy Species Northern Pin Oak Red Pine	Aduous % Cover 30 55 he, Oak Mix	Size Class Sapling/Pole Sapling/Pole	DBH e 4 e 4 Sapling	Age 26	Sub-Car Blac	hopy Species k Cherry	Density Medium	Avg. Height Variable	Size Sapling	 -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops,
° 21	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pir	Aduous % Cover 30 55 he, Oak Mix	Size Class Sapling/Pole Sapling/Pole	DBH e 4 e 4 Sapling	26 Well	Sub-Car Blac	hopy Species k Cherry	Density Medium	Avg. Height Variable	Size Sapling	rees- none-volume (cds)- jp 111, oak 1, rp 35 -completion- 4/14/93-FTP- RP planting-FTP number- C54-598-acres- 8-stock- 2-0-spacingtrees/acre- 871-completion- 05/94 -planted only the east 40? Looks that way
° 21	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pir Canopy Species	Aduous % Cover 30 55 he, Oak Mix % Cover	Size Class Sapling/Pole Sapling/Pole	DBH e 4 e 4 Sapling DBH	26 Well Age	Sub-Car Blac	hopy Species k Cherry	Density Medium	Avg. Height Variable	Size Sapling	 -planted only the east 40? Looks that way -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01
° 21	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pin Canopy Species Northern Pin Oak	duous % Cover 30 55 ne, Oak Mix % Cover 38	Size Class Sapling/Pole Sapling/Pole Size Class Sapling	DBH e 4 Sapling DBH 2	26 26 Well I Age 14	Sub-Car Blac	hopy Species k Cherry	Density Medium	Avg. Height Variable	Size Sapling	-planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak
۱ 21	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pir Canopy Species Northern Pin Oak Jack Pine	duous 30 55 ne, Oak Mix X 38 30	Size Class Sapling/Pole Sapling/Pole Sapling Size Class Sapling Sapling	DBH a 4 b 4 Sapling 0 DBH 2 2 2	26 26 Well I Age 14	Sub-Car Blac	hopy Species k Cherry	Density Medium	Avg. Height Variable	Size Sapling	-planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak
1 21	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pir Canopy Species Northern Pin Oak Jack Pine Pin Cherry	A Cover 30 55 ne, Oak Mix % Cover 38 30 55	Size Class Sapling/Pole Sapling/Pole Sapling Sapling Sapling Sapling	DBH 2 2 2 2 2 2 2 2 2 2 2 2 2 2	26 26 Well I Age 14	Sub-Car Blac	hopy Species k Cherry	Density Medium	Avg. Height Variable	Size Sapling	 Trees- none-volume (cds)- jp 111, oak 1, rp 35 -completion- 4/14/93-FTP- RP planting-FTP number- C54-598-acres- 8-stock- 2-0-spacingtrees/acre- 871-completion- 05/94 -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and
21 P	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pir 4310 - Pir Canopy Species Northern Pin Oak Jack Pine Pin Cherry Red Pine	A Cover 30 55 55 - ne, Oak Mix - 38 - 30 - 5 -	Size Class Sapling/Pole Sapling/Pole Sapling Sapling Sapling Sapling Sapling	DBH 2 3 4 Sapling DBH 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	26 26 Well I Age 14	Sub-Car Blac	hopy Species k Cherry	Density Medium	Avg. Height Variable	Size Sapling	 -planted only the east 40? Looks that way -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and
21 r	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pir 4310 - Pir Canopy Species Northern Pin Oak Jack Pine Pin Cherry Red Pine Red Pine	A Cover 30 55 55 5 ne, Oak Mix X X Cover 38 30 5 23 2 2 2 2 2 2	Size Class Sapling/Pole Sapling/Pole Sapling Size Class Sapling Sapling Sapling Log Log	DBH 2 4 Sapling 2 2 2 2 2 2 2 2 2 15	26 26 Well Age 14 14	Sub-Car Blac 29.0	hopy Species k Cherry	Density Medium	Avg. Height Variable	Sapling	 -planted only the east 40? Looks that way -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -planted ~30 acres in 8/29/1960 750 trees/acre at 7.5 x 7.5 spacing with
21 P	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pir 4310 - Pi	Autor Autor <th< td=""><td>Size Class Sapling/Pole Sapling/Pole Sapling Size Class Sapling Sapling Sapling Log Log</td><td>DBH a 4 Sapling 2 2 2 2 2 2 15 14 Sawtimb</td><td>26 26 Well Age 14 14</td><td>Sub-Car Blac 29.0</td><td>hopy Species k Cherry 14</td><td>Density Medium</td><td>Avg. Height Variable N/A</td><td>Sapling</td><td> -planted only the east 40? Looks that way -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -planted ~30 acres in 8/29/1960 750 trees/acre at 7.5 x 7.5 spacing with Olive AG-6 and killifer planter </td></th<>	Size Class Sapling/Pole Sapling/Pole Sapling Size Class Sapling Sapling Sapling Log Log	DBH a 4 Sapling 2 2 2 2 2 2 15 14 Sawtimb	26 26 Well Age 14 14	Sub-Car Blac 29.0	hopy Species k Cherry 14	Density Medium	Avg. Height Variable N/A	Sapling	 -planted only the east 40? Looks that way -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -planted ~30 acres in 8/29/1960 750 trees/acre at 7.5 x 7.5 spacing with Olive AG-6 and killifer planter
1 21 1	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pin Canopy Species Northern Pin Oak Jack Pine Pin Cherry Red Pine Red Pine Red Pine Northern Pin Oak 42110 - Plar	Autor Autor <th< td=""><td>Size Class Sapling/Pole Sapling/Pole Size Class Sapling Sapling Sapling Log Log</td><td>DBH a 4 Sapling 2 2 2 2 2 2 15 14 Sawtimb</td><td>26 26 Well 1Age 14 14 14 14 14</td><td>Sub-Car Blac 29.0 25.3 Sub-Car</td><td>hopy Species k Cherry 14 60</td><td>Density Medium</td><td>Avg. Height Variable N/A</td><td>Sapling</td><td> -planted only the east 40? Looks that way -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -planted ~30 acres in 8/29/1960 750 trees/acre at 7.5 x 7.5 spacing with Olive AG-6 and killifer planter -past treatment- 3rd row thin -completion- 2014 </td></th<>	Size Class Sapling/Pole Sapling/Pole Size Class Sapling Sapling Sapling Log Log	DBH a 4 Sapling 2 2 2 2 2 2 15 14 Sawtimb	26 26 Well 1 Age 14 14 14 14 14	Sub-Car Blac 29.0 25.3 Sub-Car	hopy Species k Cherry 14 60	Density Medium	Avg. Height Variable N/A	Sapling	 -planted only the east 40? Looks that way -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -planted ~30 acres in 8/29/1960 750 trees/acre at 7.5 x 7.5 spacing with Olive AG-6 and killifer planter -past treatment- 3rd row thin -completion- 2014
1 21 1	Deci Canopy Species Northern Pin Oak Red Pine 4310 - Pir Canopy Species Northern Pin Oak Jack Pine Pin Cherry Red Pine Red Pine Red Pine Northern Pin Oak 42110 - Plar Canopy Species	iduous X Cover 30 55 ne, Oak Mix X X Cover 38 30 5 23 2 2 2 2 2 2	Size Class Sapling/Pole Sapling/Pole Sapling Sapling Sapling Sapling Sapling Log Log Log	DBH 2 4 Sapling 0 DBH 2 2 2 2 2 15 14 Sawtimb DBH	26 26 Well 1 Age 14 14 14 14 14	Sub-Car Blac 29.0 25.3 Sub-Car Blac	14 60	Density Medium Immature	Avg. Height Variable N/A N/A Avg. Height	Size Sapling	 -planted only the east 40? Looks that way -planted only the east 40? Looks that way -past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -planted ~30 acres in 8/29/1960 750 trees/acre at 7.5 x 7.5 spacing with Olive AG-6 and killifer planter

Report 7 – Stands

Compartment: 49

NR

Year of Entry: 2022

Stand	d Level 4 C	•••					Stand Age B		-		General Comments
23	4131 - A	spen, Oak	ç	Sapling	g Well	11.7	4	Immature	N/A		-past treatment- clearcut -sale number- 54-026-12-01
	Canopy Species	% Cover	Size Class	DBH	I Age						-acres- 11
Bla	ck/Red (Hybrid) Oak	30	Sapling	1							-leave trees- green painted trees
	Bigtooth Aspen	50	Sapling	1	4						-volume (cds)- aspen 119, jp 7, rp 13, ro 110, wp 3, rm 24
	Red Maple	20	Sapling	1							-completion- 10/16/15
											-mixed regeneration of aspen, oak, and red maple
24	42120 - Plar	nted Jack P	Pine Po	letimb	er We	l 23.5	26	51-80	N/A		-past treatment- clearcut-sale number- 54-001-92-01-acres- 23-
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	4/14/93-FTP- JP planting-FTP number- C54-598-acres- 28-
	Quaking Aspen	5	Sapling/Pole	4		Bla	ck Cherry	Medium	5 - 10 feet	Sapling	stock- 2-0-spacingtrees/acre- 1044-completion- 05/94
	Northern Pin Oak	10	Pole/Sapling	5		Re	ed Maple	Medium	5 - 10 feet	Sapling	
	Jack Pine	85	Pole/Sapling	5	26	Northe	ern Pin Oak	Medium	5 - 10 feet	Sapling	
25	42220 - Nat	ural Jack P	ine Pole	etimbe	r Mediu	um 19.7	52	81-110	N/A		SWNW-1940 planting record- NP3 JP2 800 trees/acre, planted 24 acr
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	1982 clearcut record- aspen, pine, and hardwoods
	Northern Pin Oak	5	Pole/Log	8		Ja	ack Pine	Low	Variable	Sapling	
	D D'	4.0	1.1.1	14					-	Conline	
	Red Pine	10	Log	14		Blac	ck Cherry	Low	5 - 10 feet	Sapling	
	Jack Pine	83	-	8	52		ck Cherry ern Pin Oak	Low	5 - 10 feet Variable	Sapling Sapling	
26		83 2	Pole/Log Pole			Northe	,			Sapling Sapling Sapling	
-	Jack Pine White Pine 3301 - Low Densi	83 2	Pole/Log Pole us Trees	8	ocked	North W	ern Pin Oak	Low	Variable Variable	Sapling	-1969 mineral permit 5-69- 1,000 cubic yards of clay at no charge to county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to cour road commission
27	Jack Pine White Pine 3301 - Low Densi 3104 - I 4311 - Pine	e, Aspen M	Pole/Log Pole us Trees	8 8 Nonsto	ocked ocked er Wel	Northo W 1.6 7.3	ern Pin Oak	Low	Variable Variable No No	Sapling	county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to cour road commission 1982 clearcut record- aspen, pine, and hardwoods,
27	Jack Pine White Pine 3301 - Low Densi 3104 - 1 4311 - Pine Canopy Species	e, Aspen M	Pole/Log Pole us Trees	8 8 Nonsto	ocked ocked er Wel	Northe W 1.6 7.3 I 10.4 Sub-Ca	ern Pin Oak hite Oak 47 nopy Species	Low	Variable Variable No	Sapling Sapling	county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to cour road commission
27	Jack Pine White Pine 3301 - Low Densi 3104 - I 4311 - Pine	e, Aspen M	Pole/Log Pole us Trees	8 8 Nonsto	ocked ocked er Wel	Northe W 1.6 7.3 I 10.4 Sub-Ca	ern Pin Oak hite Oak	Low Low	Variable Variable No No	Sapling Sapling	 county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to couroad commission 1982 clearcut record- aspen, pine, and hardwoods, cored 2 trees, ages are mixed, some younger aspen in west 1/3rd, clo to 37 yrs old there -older 57 year log aspen in middle
27	Jack Pine White Pine 3301 - Low Densi 3104 - 1 4311 - Pine Canopy Species	e, Aspen M % Cover	Pole/Log Pole us Trees	8 8 Nonsto Nonsto awtimb DBH 10 8	ocked ocked er Wel	Northo W 1.6 7.3 I 10.4 Sub-Ca Ba	ern Pin Oak hite Oak 47 nopy Species	51-80	Variable Variable No No No N/A Avg. Height	Sapling Sapling	county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to cour road commission 1982 clearcut record- aspen, pine, and hardwoods, cored 2 trees, ages are mixed, some younger aspen in west 1/3rd, clo to 37 yrs old there
27	Jack Pine White Pine 3301 - Low Densi 3104 - 4311 - Pine Canopy Species Quaking Aspen	e, Aspen M Cover 55	Pole/Log Pole us Trees	8 8 Nonstand Nonstand awtimb DBH 10	ocked ocked er Wel	Northo W 1.6 7.3 I 10.4 Sub-Ca Ba Re	ern Pin Oak hite Oak 47 A7 alsam Fir	51-80 Medium	Variable Variable No No No N/A Avg. Height Variable	Sapling Sapling Size Sapling	 county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to couroad commission 1962 clearcut record- aspen, pine, and hardwoods, cored 2 trees, ages are mixed, some younger aspen in west 1/3rd, clot to 37 yrs old there -older 57 year log aspen in middle
27	Jack Pine White Pine 3301 - Low Densi 3104 - J 4311 - Pine Canopy Species Quaking Aspen Balsam Fir	e, Aspen M % Cover 55 7	Pole/Log Pole us Trees	8 8 Nonsto Nonsto awtimb DBH 10 8	ocked ocked er Wel	Northo W 1.6 7.3 I 10.4 Sub-Ca Ba Re	47 Africe Arror Arrows Arr	 Low Low 	Variable Variable No No No Avg. Height Variable Variable	Sapling Sapling Size Sapling Sapling	 county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to couroad commission 1982 clearcut record- aspen, pine, and hardwoods, cored 2 trees, ages are mixed, some younger aspen in west 1/3rd, clo to 37 yrs old there -older 57 year log aspen in middle
27	Jack Pine White Pine 3301 - Low Densi 3104 - J 4311 - Pine 4311 - Pine Quaking Aspen Balsam Fir White Pine	e, Aspen M Solution Solu	Pole/Log Pole us Trees	awtimb 10 8 25	ocked ocked er Wel	Northo W 1.6 7.3 I 10.4 Sub-Ca Ba Re	47 Africe Arror Arrows Arr	 Low Low 	Variable Variable No No No Avg. Height Variable Variable	Sapling Sapling Size Sapling Sapling	 county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to couroad commission 1982 clearcut record- aspen, pine, and hardwoods, cored 2 trees, ages are mixed, some younger aspen in west 1/3rd, clo to 37 yrs old there -older 57 year log aspen in middle
27	Jack Pine White Pine 3301 - Low Densi 3104 - J 3104 - J 4311 - Pine 4311 - Pine Quaking Aspen Balsam Fir White Pine Red Pine	83 2 ity Deciduor Degraded Ø Kover 55 7 1 2	Pole/Log Pole us Trees I Size Class Log/Pole Pole XLog Log	8 8 Nonsta Nonsta DBH 10 8 25 14	ocked ocked er Wel	Northo W 1.6 7.3 I 10.4 Sub-Ca Ba Re	47 Africe Arror Arrows Arr	 Low Low 	Variable Variable No No No Avg. Height Variable Variable	Sapling Sapling Size Sapling Sapling	 county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to couroad commission 1962 clearcut record- aspen, pine, and hardwoods, cored 2 trees, ages are mixed, some younger aspen in west 1/3rd, clot to 37 yrs old there -older 57 year log aspen in middle
26 27 28	Jack Pine White Pine 3301 - Low Densi 3104 - 1 3104 - 1 4311 - Pine Canopy Species Quaking Aspen Balsam Fir White Pine Red Pine Red Oak	83 2 ity Deciduor Degraded 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1	Pole/Log Pole us Trees us Trees	8 8 Nonsta Nonsta DBH 10 8 25 14 22	ocked ocked er Wel	Northo W 1.6 7.3 I 10.4 Sub-Ca Ba Re	47 Africe Arror Arrows Arr	 Low Low 	Variable Variable No No No Avg. Height Variable Variable	Sapling Sapling Size Sapling Sapling	 county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to couroad commission 1982 clearcut record- aspen, pine, and hardwoods, cored 2 trees, ages are mixed, some younger aspen in west 1/3rd, clo to 37 yrs old there -older 57 year log aspen in middle
27	Jack Pine White Pine 3301 - Low Densi 3104 - J 3104 - J 3	83 2 ity Deciduor Degraded 0 0 0 0 0 0 0 0 0 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	Pole/Log Pole us Trees ix Sa Size Class Log/Pole Pole XLog Log XLog XLog	8 8 Nonsta wtimb DBH 10 8 25 14 22 31	ocked ocked er Wel	Northo W 1.6 7.3 I 10.4 Sub-Ca Ba Re	47 Africe Arror Arrows Arr	 Low Low 	Variable Variable No No No Avg. Height Variable Variable	Sapling Sapling Size Sapling Sapling	 county road commission -1968 mineral permit 5-68- 3,000 cubic yards of clay at no charge to county road commission -1966 mineral permit 5-66- 1,000 cubic yards of clay at no charge to county road commission -1965 mineral permit 5-65- 300 cubic yards of clay at no charge to couroad commission 1982 clearcut record- aspen, pine, and hardwoods, cored 2 trees, ages are mixed, some younger aspen in west 1/3rd, clo to 37 yrs old there -older 57 year log aspen in middle

	ļ	Atlanta Mg	t. Unit			Re	eport 7 – Sta	ands		Compartment: 49 Year of Entry: 2022
Stand	Level 4 C	over Type		Size Der	nsity	Acres Stand Age	BA Range	Managed S	Site	General Comments
29	629 - Mixed nor	n-forested w	retland	Nonstoo	cked	7.8	Unspecified	No		
30	6127 - Lo	wland Pine	S	Sawtimber	Medium	n 7.8 116	51-80	N/A		-transitional in hydrology and between ridge and stream bank
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Speci	es Density	Avg. Height	Size	
	Balsam Fir	10	Pole	8		Tag Alder	Low	5 - 10 feet	Tall Shrub	
	White Pine	50	Log/XLog	16	116	Balsam Fir	Medium	Variable	Sapling	
	Red Pine	30	XLog/Log	18		White Pine	Medium	Variable	Sapling	
	Black Spruce	5	Pole	6		Red Maple	Medium	Variable	Sapling	
No	rthern White Cedar	5	Log	12						
31	42110 - Pla	nted Red Pi	ine	Sawtimbe	r Poor	23.2 90	1-50	N/A		SWNE-1940 planting record- NP3 JP2 800 trees/acre, planted 38 acres
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Speci	es Density	Avg. Height	Size	Sign on site gives planting history. Students and teachers from Detroit,
	Red Oak	4	Pole/Log	9		Northern Pin Oak	High	5 - 10 feet	Sapling	1930.
	Red Pine	96	Log	12	90	Red Maple	Low	5 - 10 feet	Sapling	8/26/18 Regen check. Significant natural regeneration is present and
						Balsam Fir	Low	< 5 feet	Sapling	consists mostly of oak and big toothed aspen. Other notable species are
						White Pine	Low	< 5 feet	Sapling	red pine, white pine, jack pine, red maple, and black cherry. -past treatment- shelterwood
						Red Pine	Low	< 5 feet	Sapling	-completion- 1/21/2014, cut mid-late summer
						Jack Pine	Medium	< 5 feet	Sapling	-sale number- 54-010-12-01
						Black Cherry	Low	5 - 10 feet	Sapling	-leave trees- left 20-30 BA oak and pine -volume (cds)- 327 rp, 247 jp, aspen 6, rm 7, oak 7
						White Oak	Low	5 - 10 feet	Sapling	-volume (cus)- 527 lp, 247 jp, aspen 0, m 7, 0ak 7
32	3303 - Mixed L	ow Density	Trees	Nonstoo	cked	1.6	Immature	No	1 0	planted autumn olive along trail
						Sub-Canopy Speci	es Density	Avg. Height	Size	
						Jack Pine	Low	Variable	Pole	-
						Black Cherry	Low	Variable	Pole	-
						Autumn Olive	Low	5 - 10 feet	Tall Shrub	
33	4130	- Aspen		Sawtimbe	er Well	15.9 67	81-110	N/A		1
33		- Aspen % Cover		Sawtimbe		15.9 67 Sub-Canopy Speci	81-110 es Density	N/A Ava. Height		Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing
33	Canopy Species	% Cover	Size Class	DBH		Sub-Canopy Speci	es Density	Avg. Height	Size	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of
	Canopy Species Red Maple	% Cover	Size Class Pole	DBH 7	Age	Sub-Canopy Speci Red Maple	es Density Medium	Avg. Height Variable	Size Sapling	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing
	Canopy Species Red Maple Bigtooth Aspen	% Cover 5 80	Size Class Pole Log/Pole	DBH 7 11		Sub-Canopy Specie Red Maple White Pine	es Density Medium Medium	Avg. Height Variable Variable	Size Sapling Sapling	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing
	Canopy Species Red Maple	% Cover	Size Class Pole	DBH 7	Age	Sub-Canopy Speci Red Maple	es Density Medium	Avg. Height Variable	Size Sapling	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing
	Canopy Species Red Maple Bigtooth Aspen Red Pine White Pine	% Cover 5 80 5	Size Class Pole Log/Pole Log/Pole Log/Pole	DBH 7 11 13 13	Age 67	Sub-Canopy Speci Red Maple White Pine Red Pine Balsam Fir	es Density Medium Medium Low	Avg. Height Variable Variable Variable Variable	Sapling Sapling Sapling Sapling	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing rot in 10-20% of trees
	Canopy Species Red Maple Bigtooth Aspen Red Pine White Pine 4311 - Pine	% Cover 5 80 5 10	Size Class Pole Log/Pole Log/Pole Log/Pole	DBH 7 11 13 13 Sawtimber	Age 67	Sub-Canopy SpeciaRed MapleWhite PineRed PineBalsam Fir13.1	es Density Medium Medium Low Low 81-110	Avg. Height Variable Variable Variable N/A	Size Sapling Sapling Sapling Sapling	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing rot in 10-20% of trees
	Canopy Species Red Maple Bigtooth Aspen Red Pine White Pine 4311 - Pine Canopy Species	% Cover 5 80 5 10 e, Aspen M % Cover	Size Class Pole Log/Pole Log/Pole Log/Pole ix Size Class	DBH 7 11 13 13 Sawtimbe	Age 67	Sub-Canopy Speci Red Maple White Pine Red Pine Balsam Fir 13.1 87 Sub-Canopy Speci	es Density Medium Low 81-110 Bes Density	Avg. Height Variable Variable Variable N/A Avg. Height	Size Sapling Sapling Sapling Sapling Size	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing rot in 10-20% of trees
34	Canopy Species Red Maple Bigtooth Aspen Red Pine White Pine 4311 - Pine Canopy Species Red Oak	% Cover 5 80 5 10 e, Aspen M % Cover 2	Size Class Pole Log/Pole Log/Pole ix Size Class Log	DBH 7 11 13 13 Sawtimber DBH 10	Age 67 er Well Age	Sub-Canopy Speci Red Maple White Pine Red Pine Balsam Fir 13.1 87 Sub-Canopy Speci Red Oak	es Density Medium Low 81-110 es Density Low	Avg. Height Variable Variable Variable Variable N/A Avg. Height Variable	Size Sapling Sapling Sapling Sapling Size Sapling	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing rot in 10-20% of trees
34	Canopy Species Red Maple Bigtooth Aspen Red Pine White Pine 4311 - Pine Canopy Species Red Oak Quaking Aspen	% Cover 5 80 5 10 e, Aspen M % Cover 2 25	Size Class Pole Log/Pole Log/Pole ix Size Class Log Pole	DBH 7 11 13 13 Sawtimber DBH 10 7	Age 67	Sub-Canopy Speci Red Maple White Pine Red Pine Balsam Fir 13.1 87 Sub-Canopy Speci Red Oak White Pine	es Density Medium Low Low 81-110 es Density Low Low	Avg. Height Variable Variable Variable Variable N/A Avg. Height Variable Variable	Size Sapling Sapling Sapling Sapling Size Sapling Sapling	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing rot in 10-20% of trees ORV Trail through stand. Stand borders Brush Cr. to the southpast treatment- clearcut, cut all aspen, mixed hwd, and all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1 mbf rp and 1 mbf
34	Canopy Species Red Maple Bigtooth Aspen Red Pine White Pine 4311 - Pine Canopy Species Red Oak	% Cover 5 80 5 10 e, Aspen M % Cover 2	Size Class Pole Log/Pole Log/Pole ix Size Class Log	DBH 7 11 13 13 Sawtimber DBH 10 7	Age 67 er Well Age	Sub-Canopy Speci Red Maple White Pine Red Pine Balsam Fir 13.1 87 Sub-Canopy Speci Red Oak	es Density Medium Low 81-110 es Density Low	Avg. Height Variable Variable Variable Variable N/A Avg. Height Variable	Size Sapling Sapling Sapling Sapling Size Sapling	Buffer, Brush Creek to South of Stand. Campsite/firepit in center of stand. ORV Trail runs through N part of standwas cut and is showing rot in 10-20% of trees ORV Trail through stand. Stand borders Brush Cr. to the southpast treatment- clearcut, cut all aspen, mixed hwd, and all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1 mbf rp and 1 mbf

Report 7 – Stands

NI DNE

Stand	d Level 4 C	over Type		Size Density	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
35	42120 - Pla	nted Jack P	Pine	Poletimber We	ell 70.7	78	111-140	N/A		NENE-1929 planting record- NP2 JP2 800 trees/acre, planted 38 acres
	Canopy Species	% Cover	Size Class	DBH Age	Sub-C	anopy Species	Density	Avg. Height	Size	NWNE-1933 planting record- NP2 JP2 800 trees/acre, planted 19 acres NWNE-1940 planting record- NP3 JP2 800 trees/acre, planted 38 acres
	Quaking Aspen	2	Pole/Log	9	North	nern Pin Oak	Low	Variable	Sapling	-1929 planting failed per notes, burned in 1939
	Northern Pin Oak	2	Pole/Log	8	V	/hite Oak	Low	Variable	Sapling	
	Jack Pine	96	Pole/Log	8 78	В	alsam Fir	Low	Variable	Sapling	
					Bla	ack Cherry	Low	5 - 10 feet	Sapling	
36	4130	- Aspen		Sawtimber We	ell 6.7	56	81-110	N/A		cored 56 yrs
	Canopy Species	% Cover	Size Class	DBH Age	Sub-C	anopy Species	Density	Avg. Height	Size	
	Quaking Aspen	91	Log/Pole	10 56	R	ed Maple	Medium	Variable	Sapling	
	Red Pine	2	Log	16	Bla	ack Cherry	Medium	5 - 10 feet	Sapling	
	Balsam Fir	2	Pole	7	В	alsam Fir	Low	Variable	Sapling	
	Red Maple	5	Log/Pole	11	ŀ	Red Oak	Low	Variable	Sapling	
37	6229 - Mixeo	d lowland sł	hrub	Nonstocked	2.7			No		
38	3303 - Mixed L	ow Density	Trees	Nonstocked	13.5		Immature	No		planted autumn olive present
					Sub-C	anopy Species	Density	Avg. Height	Size	
					J	ack Pine	Medium	Variable	Sapling	
					North	nern Pin Oak	Low	< 5 feet	Sapling	
					Bla	ack Cherry	Low	5 - 10 feet	Sapling	
					North	nern Pin Oak	Low	>20 feet	Log	
					Qua	iking Aspen	Low	>20 feet	Pole	
					Au	tumn Olive	Low	5 - 10 feet	Tall Shrub	
39	4319 - Mixeo	Upland Fo	orest	Sapling Poor	14.1	5	Immature	N/A		-past treatment- clearcut
	Canopy Species	% Cover	Size Class	DBH Age						-sale number- 54-026-12-01 -acres- 15
	Jack Pine	43	Sapling	1 5						-leave trees- green painted trees
	Black Cherry	28	Sapling	1						-volume (cds)- jp 187, rp 113, rm 15
	Balsam Fir	1	Sapling	1						-completion- 10/16/15
	Northern Pin Oak	13	Sapling	1						
	Bigtooth Aspen	15	Sapling	1						

Report 7 – Stands

Compartment: 49

Year of Entry: 2022

	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
40	42111 - Planted Deci	l Red Pine, iduous	Mixed	Sapling	Well	69.6	4	Immature	N/A		This site was part of the Red Pine Project. C54-902W
	Canopy Species	% Cover	Size Class	DBH	Age						-Trenched 08/07/2014.
	Red Pine	60	Sapling	1	4						-Planted 4/16/2015 with 1-0 PRT at 902/acre. -Year 1 Survey on 6/6/16 at 876 RP/ac and 1,469 Competition/ac
	Black Cherry	5	Sapling	1							-Herbicide Application on 9/27/17 was approved through variance on
N	orthern Pin Oak	13	Sapling	1							1/25/2017 -Year 3 Survey 6/14/18 at 616 RP/ac and 1010 Comp./ac
	Jack Pine	5	Sapling	1							The regeneration was acceptable and the treatment sequence has been
	Red Maple	15	Sapling	1							closed out.
	Red Pine	2	Log/XLog	16	87						This stand has been updated from a field evaluation for a project on free to grow red pine.
	40040		·	0							June 2018: 616 TPA red pine, 64 TPA jack pine, 256 TPA cherry, 334 TPA red oak, 356 TPA red maple. Moderate deer browse. High amounts of forest tent caterpillars. Healthy looking seedlings.
41	42210 - Nat			Sawtimbe		7.4	71	1-50	N/A	<u> </u>	-NWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 26 acres
	Canopy Species		Size Class	DBH	Age		nopy Species	-	Avg. Height	Size	-cored trees appear to be younger
NI	Red Pine orthern Pin Oak	95 5	Log/Pole Log/Pole	13 12	71		ern Pin Oak ick Pine	Medium	10 - 20 feet 10 - 20 feet	Sapling	2 aged, 71 yrs, 25-50%, 10-30 ba, cover-95% 13 in rp, pink oak 12 in, overstory, seedtree cut 15 yrs ago?, sub saps 10-15ft tall, 15 yrs, med jp
IN	orthern Pin Oak	5	Log/Pole	12			ICK PINE	Medium		Sapling	and pin oak 70% cover together, low cherry, rm, and rp
							d Manla		10 20 fact	Conling	and pin balt 10% cover together, for energy, mil, and ip
					-		d Maple	Low	10 - 20 feet	Sapling	
					_	Bla	ck Cherry	Low	5 - 10 feet	Sapling	
						Bla		-			
42	3303 - Mixed Lo	ow Density	Trees	Nonsto	cked	Bla	ck Cherry	Low	5 - 10 feet	Sapling	
42	3303 - Mixed Lo	ow Density	Trees	Nonsto	cked	Bla R 1.1	ck Cherry ed Pine	Low Low	5 - 10 feet Variable	Sapling	
42	3303 - Mixed Lo	ow Density	7 Trees	Nonsto	cked	Bla R 1.1 Sub-Ca	ck Cherry	Low Low	5 - 10 feet Variable No	Sapling Sapling	
42	3303 - Mixed Lo	ow Density	Trees	Nonsto	cked	Bla R 1.1 Sub-Ca Ja	ck Cherry ed Pine nopy Species	Low Low Immature Density	5 - 10 feet Variable No Avg. Height	Sapling Sapling Size	
42	3303 - Mixed Lo	ow Density	⁷ Trees	Nonsto	cked	Bla R 1.1 Sub-Ca Ja Bla	ck Cherry ed Pine nopy Species ick Pine	Low Low Immature Density Low	5 - 10 feet Variable No Avg. Height Variable	Sapling Sapling Size Sapling	
		ow Density ack Spruce		Nonsto		Bla R 1.1 Sub-Ca Ja Bla	ck Cherry ed Pine nopy Species ick Pine ck Cherry	Low Low Immature Density Low Low	5 - 10 feet Variable No Avg. Height Variable Variable	Sapling Sapling Size Sapling Pole	
43		ack Spruce			er Well	Bla R 1.1 Sub-Ca Ja Bla North 15.0	ck Cherry ed Pine nopy Species ick Pine ck Cherry ern Pin Oak	Low Low Density Low Low Low Low	5 - 10 feet Variable No Avg. Height Variable Variable Variable	Sapling Sapling Size Sapling Pole	
43	6122 - Bl	ack Spruce	9	Poletimbe	er Well	Bla R 1.1 Sub-Ca Ja Bla North 15.0 Sub-Ca	ck Cherry ed Pine nopy Species ick Pine ck Cherry ern Pin Oak 72	Low Low Density Low Low Low Low	5 - 10 feet Variable No Avg. Height Variable Variable Variable	Sapling Sapling Size Sapling Pole Sapling	
43	6122 - Bi Canopy Species	ack Spruce % Cover	Size Class	Poletimbe DBH	er Well	Bla R 1.1 Sub-Ca Bla North 15.0 Sub-Ca Ba	ck Cherry ed Pine nopy Species ick Pine ck Cherry ern Pin Oak 72 nopy Species	Low Low Immature Density Low Low 111-140	5 - 10 feet Variable No Avg. Height Variable Variable Variable N/A Avg. Height	Sapling Sapling Size Sapling Pole Sapling Size	
43	6122 - Bl Canopy Species Black Spruce	ack Spruce % Cover 50	Size Class	Poletimbo DBH	er Well Age 72	Bla R 1.1 Sub-Ca Bla North 15.0 Sub-Ca Ba	ck Cherry ed Pine nopy Species ick Pine ck Cherry ern Pin Oak 72 nopy Species Isam Fir	Low Low Immature Density Low Low 111-140 Density Medium	5 - 10 feet Variable No Avg. Height Variable Variable Variable N/A Avg. Height Variable	Sapling Sapling Size Sapling Pole Sapling Size Sapling	
43	6122 - Bl Canopy Species Black Spruce hern White Cedar	ack Spruce % Cover 50 25	Size Class Pole Log/Pole	Poletimbe DBH 8 11	er Well Age 72	Bla R 1.1 Sub-Ca Bla North 15.0 Sub-Ca Ba	ck Cherry ed Pine nopy Species ick Pine ck Cherry ern Pin Oak 72 nopy Species Isam Fir	Low Low Immature Density Low Low 111-140 Density Medium	5 - 10 feet Variable No Avg. Height Variable Variable Variable N/A Avg. Height Variable	Sapling Sapling Size Sapling Pole Sapling Size Sapling	
43	6122 - Bla Canopy Species Black Spruce hern White Cedar Tamarack	ack Spruce % Cover 50 25 5	Size Class Pole Log/Pole Log/Pole	Poletimbe DBH 8 11 10	er Well Age 72	Bla R 1.1 Sub-Ca Bla North 15.0 Sub-Ca Ba	ck Cherry ed Pine nopy Species ick Pine ck Cherry ern Pin Oak 72 nopy Species Isam Fir	Low Low Immature Density Low Low 111-140 Density Medium	5 - 10 feet Variable No Avg. Height Variable Variable Variable N/A Avg. Height Variable	Sapling Sapling Size Sapling Pole Sapling Size Sapling	
43 Nort	6122 - Bl Canopy Species Black Spruce hern White Cedar Tamarack Paper Birch	ack Spruce % Cover 50 25 5 5 5	Size Class Pole Log/Pole Log/Pole Pole	Poletimbo DBH 8 11 10 7	er Well Age 72	Bla R 1.1 Sub-Ca Bla North 15.0 Sub-Ca Ba	ck Cherry ed Pine nopy Species ick Pine ck Cherry ern Pin Oak 72 nopy Species Isam Fir	Low Low Immature Density Low Low 111-140 Density Medium	5 - 10 feet Variable No Avg. Height Variable Variable Variable N/A Avg. Height Variable	Sapling Sapling Size Sapling Pole Sapling Size Sapling	

Canopy Species Quaking Aspen Red Pine Red Maple

Stand

44

45

46

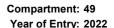
Report 7 – Stands

Low

High

Variable

< 5 feet



Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	Anchigan .
4130 -	Aspen		Poletimb	er Well	15.8	44	51-80	N/A		-cutting record for 1975	
opy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	-internal rot showing already	
king Aspen	85	Pole	7	44	Bal	lsam Fir	Low	Variable	Sapling		
ed Pine	5	Log	12		Та	g Alder	Medium	5 - 10 feet	Tall Shrub		
ed Maple	10	Pole/Log	9		Blac	k Cherry	Low	5 - 10 feet	Sapling		
					Red	d Maple	Medium	Variable	Sapling		
					Wh	nite Oak	Low	Variable	Sapling		
310 - Herbace	ous Open	land	Nonsto	ocked	3.0			No			
					Sub-Car	nopy Species	Density	Avg. Height	Size		
					Jao	ck Pine	Medium	Variable	Pole		
310 - Herbace	ous Open	land	Nonsto	ocked	3.1			No			
					Sub-Car	nopy Species	Density	Avg. Height	Size		

Sapling

Tall Shrub

47	42110 - Plar	nted Red P	ine	Sawtimb	er Well	26.3	72	111-140	N/A	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Speci	es Density	Avg. Height	Size
	Red Pine	90	Log/Pole	13	72	Northe	ern Pin Oak	Medium	Variable	Sapling
	Jack Pine	10	Pole/Log	9		Ja	ck Pine	Low	5 - 10 feet	Sapling
						Re	ed Pine	Low	Variable	Sapling
48	42110 - Plar	nted Red P	ine S	Sawtimber	Mediu	m 17.4	72	81-110	N/A	

Black Cherry

Sweet Fern

Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Oak	2	Log	11		Northern Pin Oak	Medium	10 - 20 feet	Sapling	Ī
Red Pine	98	Log	14	72	Red Pine	Low	Variable	Sapling	Ĩ
					Jack Pine	Medium	10 - 20 feet	Sapling	Ī

SESW 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acrespast treatment- thinning, cut all jp and aspen-sale number- 54-002-92-01-acres- 93 (stands 50, 47, 48, and 52)-leave trees- none-volume (cds)- aspen 43, rm 7, jp 550-completion- 9/1/94-cored 72 yrs on 3 trees-81 yrs in south leg, 80-110 ba, 15 inch, 44 yr old jp poles 6-7 inch, 25% coverage, m oak saps, m rm saps, clearcut south leg, merge south leg with rp stand to south

SESW 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acres -past treatment- thinning, cut all jp and aspen -sale number- 54-002-92-01 -acres- 93 (stands 50, 47, 48, 49, and 52) -leave trees- none -volume (cds)- aspen 43, rm 7, jp 550 -completion- 9/1/94

intermittent rows present. partial planting failure

49	6112 - Lov	vland Aspe	n Pole	timbe	Mediun	n 2.6	45	51-80	N/A	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	opy Species	Density	Avg. Height	Size
	Quaking Aspen	60	Pole	7	45	Tag	Alder	Medium	5 - 10 feet	Tall Shrub
	Red Maple	40	Pole/Sapling	6		Red	Maple	Medium	Variable	Sapling

Report 7 – Stands

Compartment: 49

Year of Entry: 2022

DNR DNR MICHIGAN)

Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
50	42110 - Pla	nted Red P	Pine	Sapling	Well	59.3	5	Immature	N/A		This stand is being planted to red pine and was part of the Red Pine
	Canopy Species	% Cover	Size Class	DBH	Age						Project. C54-902S
	Red Pine	2	Log	15							Trenched 8/4/2014.
I	Northern Pin Oak	10	Sapling	1							Site prep herbicide 9/3/2014.
	Jack Pine	5	Sapling	1							Planted 4/16/2015 with 1-0 PRT at 956/acre. Year 1 Survey at 830 RP/ac and 694 Competition/ac
	Black Cherry	3	Sapling	1							Year 2 Survey done special on 5/15/17 at 568 RP/ac and 215
	Red Pine	80	Sapling	1	5						competition/ac Replanted with 462 JP/ac on 5/14/2018; site now at 941 JP/ac
											This stand has been updated from a field evaluation for a project on free to grow red pine. Year 1 replant Survey 10/22/18. 693 red pine TPA. Competition includes red oak and jack pine. Red pine is 90+% free to grow.
51	4132 - Asp	en, Jack Pi	ine	Sapling	Well	6.7	26	1-50	N/A		-past treatment- clearcut
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	-sale number- 54-002-92-01 -acres- 7
	Balsam Poplar	5	Sapling	3		Northe	ern Pin Oak	Medium	Variable	Sapling	-leave trees- none
	Quaking Aspen	63	Sapling/Pole	9 4	26	Re	d Maple	Medium	Variable	Sapling	-volume (cds)- aspen 57, rp 90, jp 16 -completion- 9/1/94
	Red Pine	5	Sapling	3		Blac	ck Cherry	Low	5 - 10 feet	Sapling	-completion- 9/1/94
	Jack Pine	27	Sapling	2							
52	42210 - Nat	tural Red P	ine s	Sawtimbe	er Poor	5.7	90	1-50	N/A		SWSE 1929 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1933 planting record- NP3 JP2 800 trees/acre, planted 38
	Canopy Species	% Cover	Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	acresSWSE 1935 planting record- NP3 JP2 800 trees/acre, planted 38
	Red Pine	100	Log/XLog	16	90	Ja	ck Pine	High	10 - 20 feet	Sapling	acres-past treatment- thinning, cut all jp and aspen-sale number- 54-
						Northe	ern Pin Oak	Medium	10 - 20 feet	Sapling	002-92-01-acres- 93 (stands 50, 47, 48, 49, and 52)-leave trees- none-volume (cds)- aspen 43, rm 7, jp 550-completion- 9/1/94
						R	ed Pine	Medium	10 - 20 feet	Sapling	none-volume (cus)- aspen 43, nn 7, jp 550-completion- 9/1/94
53	6120 - Lov	wland Ceda		Sawtimbe	er Well	3.7	121	141-170	N/A		2-5ft stream flows through stand
	Canopy Species		Size Class	DBH	Age		nopy Species		Avg. Height	Size	
	Paper Birch	10	Pole	9		Ba	lsam Fir	Medium	Variable	Sapling	
	Balsam Fir	5	Pole	6							
No	orthern White Cedar	75	Log/Pole	12	121						
	Red Maple	5	Pole	7							
	Black Spruce	5	Pole	8							

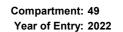
Report 7 – Stands

Compartment: 49 Year of Entry: 2022

and	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
54	6117 - Lowland I Coni	Deciduous, ferous	Mixed Pole	etimber	Medium	17.8	67	81-110	N/A		small stream through center of stand, little left to harvest when buffered. great wildlife corridor, and thermal cover from cedar. don't cut.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	25	Pole/Sapling	6		Red	l Maple	Medium	Variable	Sapling	
	Paper Birch	2	Pole	5		Bals	sam Fir	Low	Variable	Sapling	
	Quaking Aspen	38	Pole	7	67	Тар	g Alder	Medium	5 - 10 feet	Tall Shrub	
	Black Spruce	2	Pole	7							
	Balsam Fir	17	Pole/Sapling	7							
	Tamarack	10	Pole	7							
No	rthern White Cedar	6	Log/Pole	11							
55	42110 - Plar	nted Red Pi	ine Pr	oletimb	er Well	22.6	37	111-140	N/A		RP plantation, with lots of JP volunteers
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	-FTP record- planted ~22 acres in 5/1983 800 trees/acre at 6 x 9 spacin with Olive AG-6 and killifer planter, \$56/acre-wide rows, fairly well
	Red Pine	77	Pole/Sapling	6	37	Norther	rn Pin Oak	Low	< 5 feet	Sapling	defined
	Jack Pine	15	Pole/Sapling	6		Bals	sam Fir	Low	Variable	Sapling	-50-35% live crown
1	Northern Pin Oak	3	Pole	7							1
	White Pine	5	Pole/Sapling	6							
56	42110 - Plar	nted Red Pi	ine S	awtimb	er Well	30.3	89	81-110	N/A		Can harvest, see distribution of current RPP sales in area and then make
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	decision. Stand is healthy and could wait till next entry. -planting record for RP/JP 1931 35 acres
	Red Pine	70	Log/XLog	15	89	Norther	rn Pin Oak	Medium	Variable	Sapling	-cut record for jp in 1958 or 1974 with aspen, rm, spruce and fir
	Jack Pine	30	Pole	7	45	Jac	k Pine	Medium	>20 feet	Sapling	-could be 2 aged with the JP cut out in the past
						Whi	te Pine	Low	Variable	Sapling	-cored 82 and 87 years
						Bals	sam Fir	Low	Variable	Sapling	
57	4311 - Pine	e, Aspen M	ix	Sapling	Well	14.4	28	1-50	N/A		-past treatment- clearcut
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	-sale number- 54-022-92-01 -acres- 14
1	Northern Pin Oak	10	Sapling/Pole	3		Black	k Cherry	Low	5 - 10 feet	Sapling	-leave trees- oak
	Quaking Aspen	40	Sapling/Pole	3							-volume (cds)- jp 153, aspen 71, rp 14
	Jack Pine	50	Sapling/Pole	3	28						-completion- 2/5/92
	4191 - Mixed Upla Co	nd Deciduo nifer	ous with Sa	awtimb	er Well	15.9	78	81-110	N/A		-some scatted potential legacy pines within this stand to the NW -high level of advanced white pine coming in under the aspen which is
58		% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	eclining -stand is next to a significantly old white pine stand to the west
58	Canopy Species		Pole/Log	9		Bals	sam Fir	Low	Variable	Sapling	
58	Canopy Species Red Maple	23	-			\A/bite	0	Low	Variable	Sapling	
58		23 20	Log/XLog	17		vvnite	e Spruce	LOW	vanabio	Oaping	
58	Red Maple			17 6			te Pine	High	Variable	Sapling	
58	Red Maple Red Oak	20	Log/XLog		91	Whi					

	ŀ	Atlanta Mg	ıt. Unit				Rep	ort 7 – Sta	ands		Compartment: 49 Year of Entry: 2022
Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
60	110 - Low Ir	ntensity Urb	ban	Nonsto	cked	2.4	ι	Inspecified			-natural gas processing facility
61	6120 - Lov	wland Ceda	ar	Sawtimbe	er Well	1.2	130	111-140	N/A		-past treatment- cut all cedar, spruce, fir, aspen and misc hwd. Cut all vellow painted wp, rp, and white spruce log trees. Looks like a strip cut
	anopy Species	% Cover	Size Class	b DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	according to map.
	Paper Birch	5	Pole	8		Red	d Maple	Low	Variable	Sapling	-acres- 10
Q	uaking Aspen	5	Log	11			sam Fir	Medium	Variable	Sapling	-completion- 9/29/77 -sale number- 2-77
North	ern White Cedar	90	Log/Pole	10	130	Black	< Spruce	Low	Variable	Sapling	-leave trees-
						Tag	g Alder	Low	5 - 10 feet	Tall Shrub	-volume (cds)- cedar 5, spruce 2, fir 3, wp 8 mbf, rp 4 mbf
											-blowdown in middle of stand heading SE -standing water throughout
62	42110 - Plai	nted Red P	ine	Sawtimbe	er Well	18.3	60	141-170	N/A		Stand was thinned in the past 3 years.
С	anopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	-completed planting 18 acres 10/18/1960 800 trees/acre at 7.5 x 7.5 spacing with Oliver AG-6 and killifer planter
	Red Pine	100	Log/Pole	11	60	Norther	rn Pin Oak	Low	Variable	Sapling	-past treatment- 9/1985 FTP for contract completion for release cut,
						Black	k Cherry	Low	Variable	Sapling	\$22/acre- chainsaw fell or girdle all trees overtopping red pine saplings
						Diador	K Oneny	LOW	Variable	Saping	
							sam Fir	Low	Variable	Sapling	-past treatment- 3rd row thin -completion- 11/8/05
							,	-			-past treatment- 3rd row thin
63	6128 - Lowland Deci	Coniferous, iduous	, Mixed S	Sawtimber	Medium	Bals	,	-			-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201-
		iduous	, Mixed Size Class			Bals n 9.1	sam Fir	Low 81-110	Variable		-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and
C	Deci	iduous		DBH		Bals n 9.1 Sub-Can	sam Fir 120	Low 81-110	Variable N/A	Sapling	-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201-
C Ba	Deci anopy Species	iduous % Cover	Size Class	DBH		Bals n 9.1 Sub-Can Bals	sam Fir 120 nopy Species	Low 81-110 Density	Variable N/A Avg. Height	Sapling	-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201- 59-leave treesvolume (cds)-
C Bi	Deci anopy Species alsam Poplar	iduous % Cover 5	Size Class	DBH 10 7		Bals n 9.1 Sub-Can Bals	120 Sam Fir	ELow B1-110 Density Low	Variable N/A Avg. Height < 5 feet	Sapling Size Sapling	-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201- 59-leave treesvolume (cds)-
C Ba North	Deci anopy Species alsam Poplar Balsam Fir	iduous Kover 5 10	Size Class Log/Pole Pole	DBH 10 7 10	Age	Bals n 9.1 Sub-Can Bals	120 Sam Fir	ELow B1-110 Density Low	Variable N/A Avg. Height < 5 feet	Sapling Size Sapling	-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201- 59-leave treesvolume (cds)-
C Ba North V	Deci anopy Species alsam Poplar Balsam Fir eern White Cedar	iduous % Cover 5 10 35	Size Class Log/Pole Pole Log/Pole	DBH 10 7 10 8	Age	Bals n 9.1 Sub-Can Bals	120 Sam Fir	ELow B1-110 Density Low	Variable N/A Avg. Height < 5 feet	Sapling Size Sapling	-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201- 59-leave treesvolume (cds)-
C Ba North V	Deci canopy Species alsam Poplar Balsam Fir ern White Cedar Vhite Spruce	iduous % Cover 5 10 35 15	Size Class Log/Pole Pole Log/Pole Pole/Log	DBH 10 7 10 8	Age	Bals n 9.1 Sub-Can Bals	120 Sam Fir	ELow B1-110 Density Low	Variable N/A Avg. Height < 5 feet	Sapling Size Sapling	-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201- 59-leave treesvolume (cds)-
C Ba North V	Deci Canopy Species alsam Poplar Balsam Fir ern White Cedar White Spruce Red Maple	iduous % Cover 5 10 35 15 10	Size Class Log/Pole Pole Log/Pole Pole/Log Pole/Log	DBH 10 7 10 8 9 8	Age	Bals n 9.1 Sub-Can Bals	120 Sam Fir	ELow B1-110 Density Low	Variable N/A Avg. Height < 5 feet	Sapling Size Sapling	-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201- 59-leave treesvolume (cds)-
C Ba North V	Deci canopy Species alsam Poplar Balsam Fir tern White Cedar White Spruce Red Maple Paper Birch uaking Aspen	iduous	Size Class Log/Pole Pole Log/Pole Pole/Log Pole/Log Pole Log/Pole	 DBH 10 7 10 8 9 8 10 	Age 120 er Well	Bals n 9.1 Sub-Can Bals	120 Sam Fir	ELow B1-110 Density Low	Variable N/A Avg. Height < 5 feet	Sapling Size Sapling	 -past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201-59-leave treesvolume (cds)- -past treatment- cut all cedar, spruce, fir, aspen and misc hwd. Cut all
C Bi North V Q 64 C	Deci canopy Species alsam Poplar Balsam Fir tern White Cedar White Spruce Red Maple Paper Birch uaking Aspen 6120 - Low canopy Species	iduous	Size Class Log/Pole Pole Log/Pole Pole/Log Pole Log/Pole Log/Pole	DBH 10 7 10 8 9 8 10 8 9 8 10	Age 120 er Well	Bals n 9.1 Sub-Can Bals Tag 3.9 3.9 Sub-Can	120 120 sam Fir g Alder 130 sopy Species	Low BI-110 Density Low Medium 111-140	Variable N/A Avg. Height < 5 feet 5 - 10 feet N/A Avg. Height	Size Sapling Sapling Tall Shrub	-past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201- 59-leave treesvolume (cds)-
C Bi North V Q 64 C	Deci canopy Species alsam Poplar Balsam Fir tern White Cedar White Spruce Red Maple Paper Birch uaking Aspen 6120 - Low	iduous K Cover 5 10 35 10 5 10 5 15 15 15 15 15	Size Class Log/Pole Pole Log/Pole Pole/Log Pole/Log Pole Log/Pole	 DBH 10 7 10 8 9 8 10 	Age 120 er Well	Bals n 9.1 Sub-Can Bals Tag 3.9 3.9 Sub-Can	120 120 120 sam Fir g Alder 130	Low BI-110 Density Low Medium 111-140	Variable N/A Avg. Height < 5 feet 5 - 10 feet N/A	Size Sapling Tall Shrub	 -past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201-59-leave treesvolume (cds)- -past treatment- cut all cedar, spruce, fir, aspen and misc hwd. Cut all yellow painted wp, rp, and white spruce log trees. Looks like a strip cut according to mapacres- 10-completion- 9/29/77-sale number- 2-77-leave treesvolume (cds)-
C Ba North V Q G 64	Deci canopy Species alsam Poplar Balsam Fir tern White Cedar White Spruce Red Maple Paper Birch uaking Aspen 6120 - Low canopy Species	iduous	Size Class Log/Pole Pole Log/Pole Pole/Log Pole Log/Pole Log/Pole	DBH 10 7 10 8 9 8 10 8 9 8 10	Age 120 er Well	Bals	120 120 sam Fir g Alder 130 sopy Species	Low BI-110 Density Low Medium 111-140 Density	Variable N/A Avg. Height < 5 feet 5 - 10 feet N/A Avg. Height	Size Sapling Sapling Tall Shrub	 -past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201-59-leave treesvolume (cds)- -past treatment- cut all cedar, spruce, fir, aspen and misc hwd. Cut all yellow painted wp, rp, and white spruce log trees. Looks like a strip cut according to mapacres- 10-completion- 9/29/77-sale number- 2-77-leave treesvolume (cds)- cedar 5, spruce 2, fir 3, wp 8 mbf, rp 4 mbf-blowdown in middle of stand heading SE-standing water
C B North V Q 64 C	Deci canopy Species alsam Poplar Balsam Fir tern White Cedar White Spruce Red Maple Paper Birch uaking Aspen 6120 - Low canopy Species Paper Birch	iduous K Cover 5 10 35 15 10 5 15 10 5 15 wland Ceda K Cover 5	Size Class Log/Pole Pole Log/Pole Pole/Log Pole/Log Pole Log/Pole	B DBH 10 7 10 8 9 8 10 10 Sawtimber B 11	Age 120 20 20 20 20 20 20 20 20 20 20 20 20 2	Bals	120 120 sam Fir g Alder 130 topy Species	Low B Density Low Medium Medium	Variable N/A Avg. Height < 5 feet 5 - 10 feet N/A N/A Avg. Height Variable	Sapling Size Sapling Tall Shrub Size Sapling	 -past treatment- 3rd row thin -completion- 11/8/05 -sale number- 54-030-02-01 -leave trees- 115 BA RP-17, 19, 15, 17, 15-open subcsnopy and understory with well-defined rows -past treatment- ftp- contractor chainsaw cut all aspen, maple, birch, and oak. \$165-acres- 13 acres-completion- 1/25/74-sale number- w-201-59-leave treesvolume (cds)- -past treatment- cut all cedar, spruce, fir, aspen and misc hwd. Cut all yellow painted wp, rp, and white spruce log trees. Looks like a strip cut according to mapacres- 10-completion- 9/29/77-sale number- 2-77-leave treesvolume (cds)-

Report 7 – Stands



DNR

5	42220 - Nat	ural Jack F	Pine F	Poletimb	er Well	24.9	70	81-110	N/A			
-	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size]	
	orthern Pin Oak	5	Log/Pole	12			ern Pin Oak	Medium	Variable	Sapling	-	
	Jack Pine	83	Pole/Log	9	70	Wh	ite Pine	Low	Variable	Sapling		
E	Bigtooth Aspen	7	Pole/Log	9		Bal	sam Fir	Low	Variable	Sapling		
	Red Maple	5	Pole/Log	9							-	
66	42220 - Nat	ural Jack F	Pine F	Poletimb	er Well	2.6	44	81-110	N/A			
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
	Jack Pine	88	Pole/Log	8	44	Northe	ern Pin Oak	Medium	Variable	Sapling		
E	Bigtooth Aspen	5	Pole/Log	8							-	
N	orthern Pin Oak	2	Log	12								
	White Oak	5	Pole	7								
67	4130	- Aspen	F	Poletimb	er Well	48.8	50	81-110	N/A		3-4 stick aspen, vha site, rot already showing	
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
	Red Maple	5	Pole	8		Wh	ite Pine	Medium	Variable	Sapling		
	Red Oak	2	Pole	7		Northe	ern Pin Oak	Medium	Variable	Sapling		
E	Bigtooth Aspen	65	Pole	7	50	Bal	sam Fir	Low	Variable	Sapling		
	White Pine	2	Log	13		Blac	k Cherry	Low	5 - 10 feet	Sapling		
	Red Pine	2	Log	11		Re	d Maple	Medium	Variable	Sapling		
C	Quaking Aspen	14	Pole	7								
	Jack Pine	5	Pole/Log	8								
N	orthern Pin Oak	5	Log	13								
68	429 - Mixed U	Jpland Cor	nifers s	Sawtimb		13.3	70	81-110	N/A		-some scattered xxl red pine and wp throughout	
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	-cedar and hemlock to sw	
	White Pine	45	Log/Pole/XLo	-	70		sam Fir	Medium	Variable	Sapling		
C	Quaking Aspen	10	Pole/Log	8			ite Pine	Low	Variable	Sapling		
	Red Maple	10	Pole/Log	8		,	Dogwood	Low	5 - 10 feet	Tall Shrub		
	White Spruce	13	Pole/Log	9			ed Oak	Low	Variable	Sapling		
	Balsam Fir	10	Pole	7		Whit	e Spruce	Low	Variable	Sapling		
Nort	hern White Cedar	7	Log/Pole	10								
	Red Pine	3	XLog	22								
	Hemlock	2	Pole/Log	9								

Report 7 – Stands



DNR

Stanc	d Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age	3A Range	Managed	Site	General Comments
70	6122 - Bl	ack Spruce	e Po	oletimb	er Poor	11.2	83	1-50	N/A		-stand water throughout and very difficult to walk through with thick
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	subcanopy
	Black Spruce	80	Pole	8	83		ag Alder	High	5 - 10 feet	Tall Shrub	
	Tamarack	10	Pole	8		Ba	lsam Fir	High	Variable	Sapling	
No	orthern White Cedar	10	Log/Pole	10		Re	ed Maple	Low	Variable	Sapling	
71	6119 - Mixed Lo Fo	wland Dec	iduous Sa	awtimb	er Well	16.7	71	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	44	Pole/Log	8	71	Ba	lsam Fir	Medium	Variable	Sapling	
	Quaking Aspen	37	Log/Pole	10		Та	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Balsam Fir	10	Pole/Sapling	5		Re	d Maple	Medium	Variable	Sapling	
No	orthern White Cedar	5	Pole/Log	8							
	White Pine	2	Log/XLog	14							
	Red Oak	2	Log	13							
72	4130	- Aspen	Pc	oletimb	er Well	48.7	52	81-110	N/A		1968 cut record
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	21	Pole/Log	8		Re	ed Maple	High	Variable	Sapling	
	Red Oak	5	Log/XLog	16		Ba	lsam Fir	Medium	Variable	Sapling	
	Quaking Aspen	70	Pole/Log	9	52						
	White Pine	2	XLog/Log	19							
	Red Pine	2	XLog/Log	19							
73	3104 -	Degraded	I	Nonsto	ocked	1.1	0 ι	Jnspecified			
74	4136 - Aspen	, Mixed Co	nifer Sa	awtimb	er Well	4.3	98	81-110	N/A		-significant rot in large aspen-no good access
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	20	Log/Pole	13		Ba	lsam Fir	High	Variable	Sapling	
	Bigtooth Aspen	45	Log	14	98	Re	ed Maple	Medium	Variable	Sapling	
	White Pine	10	Log/Pole/XLog	13	<u> </u>						-
	Deleses Ein	5	Pole	8							
	Balsam Fir	5	1 010	0							
	Red Oak	15	Log/XLog	17							

Report 7 – Stands

Compartment: 49

DNR

Year of Entry: 2022

Stand	Level 4 Co	over Type	:	Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
75	4139 - Aspen, I	Mixed Deci	iduous P	oletimb	er Well	32.5	26	Immature	N/A		-past treatment- clearcut-sale number- 54-013-92-01-acres- 35-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	leave trees- green trees-volume (cds)- mhwd 310, mixed pine 263, red oak 130, aspen 100-completion- 10/25/93
	Red Maple	35	Sapling/Pole	3		Ba	alsam Fir	Low	Variable	Sapling	
	Red Oak	2	Pole/Sapling	5		Re	ed Maple	Medium	Variable	Sapling	
	Quaking Aspen	56	Pole/Sapling	5	26	R	ed Oak	Low	Variable	Sapling	
	Balsam Fir	5	Sapling/Pole	4		W	hite Pine	Low	Variable	Sapling	
	White Pine	2	Log	13	L						
76	122 - Road	d/Parking L	ot	Nonsto	cked	3.0	0		No		-past treatment- clearcut-sale number- 54-001-92-01-acres- 8-leave trees- none-volume (cds)- jp 111, oak 1, rp 35 -completion- 4/14/93-FTP- RP planting-FTP number- C54-598-acres- 8-stock- 2-0-spacingtrees/acre- 871-completion- 05/94
77	42290 - Natu	Iral Mixed I	Pine S	awtimb	er Well	3.2	92	81-110	N/A		-a few legacy white pine over 30 inches present
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	-rather young age for size of trees but site quality is parvb
	Red Maple	2	Log/Pole	11		Re	ed Maple	Medium	Variable	Sapling	
	Red Oak	3	XLog/Log	19		Ba	alsam Fir	Medium	Variable	Sapling	
	White Pine	55	XLog/Log/Pole	22	92	R	ed Oak	Low	Variable	Sapling	
	Red Pine	40	XLog/Log	22	L						1
78	6128 - Lowland (Deci	Coniferous iduous	, Mixed Pol	letimber	Mediun	n 17.4	111	51-80	N/A		-mixed ages but still even aged -declining to dead cedar to NE
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	-difficult to walk through or code cover type -converting to balsam fir
	Balsam Fir	15	Pole/Sapling	7		Ba	alsam Fir	Medium	Variable	Sapling	-draigeway and stream through stand
	Red Maple	15	Pole/Log	8		Re	ed Maple	Medium	Variable	Sapling	
	Paper Birch	5	Pole	7		Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
No	thern White Cedar	45	Pole/Log	9	111						
	Black Spruce	15	Pole	8							
79	4134 - Aspe	en, Spruce/	/Fir S	awtimb	er Well	24.4	90	81-110	N/A		1946 cut record
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	30	Pole/Log	9		Re	ed Maple	Medium	Variable	Sapling	
	Paper Birch	5	Pole	7		Ba	alsam Fir	Medium	Variable	Sapling	
	Quaking Aspen	40	Log/XLog	14	90						1
				1.4							
	Balsam Fir	20	Pole	7							

Report 7 – Stands

NE DNE

40					nolt	A	Ctond Are 1		Managarad	ite	Concert Commente
tano	u Level 4 Co	over Type		Size De	insity	ACTES	Stand Age	SA Range	Managed S	ile	General Comments
80	4130	- Aspen	F	Poletimb	er Well	108.9	50	81-110	N/A		1948, 1969, or 1982 cut recordappears to be 50 years old from core
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	trees
	Sugar Maple	16	Pole	7		Su	gar Maple	Medium	Variable	Sapling	
	Basswood	2	Pole/Log	8		Ba	alsam Fir	Medium	Variable	Sapling	
	Bigtooth Aspen	40	Pole/Log	8	50	Ir	onwood	Low	Variable	Sapling	
	Balsam Fir	12	Pole	7		Re	ed Maple	Medium	Variable	Sapling	
	Quaking Aspen	30	Pole/Log	8							
81	6220 - A	lder/willow		Nonsto	ocked	5.6	ι	Jnspecified	No		
82	6128 - Lowland (Deci	Coniferous, iduous	Mixed S	Sawtimb	er Well	9.9	92	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	10	Pole/Log	9							
	Quaking Aspen	15	Log/Pole	12							
No	orthern White Cedar	45	Pole/Log	9	92						
	Black Spruce	20	Pole/Log	9							
	Balsam Fir	10	Pole/Log	8							
83	6120 - Lov	wland Ceda	ar S	Sawtimb	er Well	2.1	98	141-170	N/A		-2-4ft stream runs through stand
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	2	Pole	9		Ba	alsam Fir	Low	Variable	Sapling	
	Paper Birch	5	Pole	8							
No	orthern White Cedar	07									
		87	Log/Pole	11	98						
	White Pine	3	Log/Pole Log	14	98						
					98						
84	White Pine White Spruce 4130	3 3 - Aspen	Log Log F	14 13 Poletimb	er Well	25.0	35	51-80	N/A		1948, 1969, or 1982 cut record-past treatment- clearcut-acres- 25-
84	White Pine White Spruce 4130 Canopy Species	3 3 - Aspen % Cover	Log Log F Size Class	14 13 Poletimb		25.0	35	51-80	N/A		1948, 1969, or 1982 cut record-past treatment- clearcut-acres- 25- completion- 3/18/85-sale number- 54-038-82-01-leave trees- oak- volume (cds)- 275 cds aspen, 128 cds mhwd, 95 cds birch, 77 cds
84	White Pine White Spruce 4130 Canopy Species Red Maple	3 3 - Aspen % Cover 10	Log Log F Size Class Sapling	14 13 Poletimb DBH 3	er Well I Age	25.0	35	51-80	N/A		completion- 3/18/85-sale number- 54-038-82-01-leave trees- oak-
84	White Pine White Spruce 4130 Canopy Species Red Maple Quaking Aspen	3 3 - Aspen % Cover 10 75	Log Log F Size Class Sapling Pole/Sapling	14 13 Poletimk DBH 3 4	er Well	25.0	35	51-80	N/A		completion- 3/18/85-sale number- 54-038-82-01-leave trees- oak- volume (cds)- 275 cds aspen, 128 cds mhwd, 95 cds birch, 77 cds
84	White Pine White Spruce 4130 Canopy Species Red Maple Quaking Aspen Balsam Fir	3 3 - Aspen % Cover 10 75 10	Log Log F Size Class Sapling	14 13 Poletimb 3 4 3	er Well I Age	25.0	35	51-80	N/A		completion- 3/18/85-sale number- 54-038-82-01-leave trees- oak- volume (cds)- 275 cds aspen, 128 cds mhwd, 95 cds birch, 77 cds
84	White Pine White Spruce 4130 Canopy Species Red Maple Quaking Aspen	3 3 - Aspen % Cover 10 75	Log Log F Size Class Sapling Pole/Sapling	14 13 Poletimk DBH 3 4	er Well I Age	25.0	35	51-80	N/A		completion- 3/18/85-sale number- 54-038-82-01-leave trees- oak- volume (cds)- 275 cds aspen, 128 cds mhwd, 95 cds birch, 77 cds
84	White Pine White Spruce 4130 Canopy Species Red Maple Quaking Aspen Balsam Fir White Pine 42110 - Plan	3 3 - Aspen % Cover 10 75 10 5 10 5	Log Log F Size Class Sapling Pole/Sapling Sapling/Pole Log	14 13 Poletime 3 4 3 10	er Well I Age 35 er Well	25.0	35 60	51-80	N/A N/A		completion- 3/18/85-sale number- 54-038-82-01-leave trees- oak- volume (cds)- 275 cds aspen, 128 cds mhwd, 95 cds birch, 77 cds
	White Pine White Spruce 4130 Canopy Species Red Maple Quaking Aspen Balsam Fir White Pine	3 3 - Aspen % Cover 10 75 10 5 10 5	Log Log F Size Class Sapling Pole/Sapling Sapling/Pole Log	14 13 Poletime 3 4 3 10	er Well						completion- 3/18/85-sale number- 54-038-82-01-leave trees- oak- volume (cds)- 275 cds aspen, 128 cds mhwd, 95 cds birch, 77 cds

Report 7 – Stands

Compartment: 49 Year of Entry: 2022

Stand	d Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	one	General Comments
86	42220 - Nat	tural Jack P	ine s	Sapling I	(mmature	N/A		-past treatment- clearcut
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	-acres- 54
	Jack Pine	70	Sapling	1	5	Blac	ck Cherry	Medium	5 - 10 feet	Sapling	-leave trees- green painted trees
	Bigtooth Aspen	10	Sapling	1							-volume (cds)- aspen 13, jp 1119, rp 150, ro 42, rm 5 -completion- 10/16/15
	Northern Pin Oak	15	Sapling	1							
	Red Pine	5	Sapling	1							
87	42201 - Natural Dec	White Pine, iduous	Mixed Sa	awtimbe	r Mediur	m 9.1	122	111-140	N/A		-older than average white and red pine of extra large log size -past treatment- selection, cut all orange trees and cut all aspen, birch,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	red maple, jack pine, and balsam fir -acres- 8
	Red Maple	8	Pole	6		Bal	lsam Fir	Medium	Variable	Sapling	-completion- 4/30/84
	Red Oak	20	Log	16		Whit	te Spruce	Low	Variable	Sapling	-sale number- 54-065-82-01
	Paper Birch	2	Pole	6		Wh	nite Pine	Medium	Variable	Sapling	 -leave trees- unmarked or undesignated trees -volume (cds)- mostly mhwd, aspen, and jp in order of greatest volume
	White Pine	60	XLog/Log	22	122	Re	d Maple	Medium	Variable	Sapling	- volume (cus)- mostly mnwd, aspen, and jp in order of greatest volume
88 89		d/Parking Lo		Nonsto Sapling I		3.3		nspecified mmature	No N/A		The inventory data on this stand was compiled using the FTP
88 89	4310 - Pi	ne, Oak Mix		Sapling I	Vedium	40.0	11	mmature	N/A	Size	spreadsheet year 3 survey data. Therefore, the canopy data is
89		ne, Oak Mix	Size Class	Sapling I	Vedium I Age	40.0 Sub-Ca i	11 I nopy Species	mmature Density	N/A Avg. Height	Size Sapling	spreadsheet year 3 survey data. Therefore, the canopy data is somewhat of a guess until this stand can be inventoried again.
89	4310 - Pi Canopy Species	ne, Oak Mi> % Cover 50	Size Class	Sapling I	Vedium	40.0 Sub-Ca i	11	mmature	N/A	Size Sapling	spreadsheet year 3 survey data. Therefore, the canopy data is somewhat of a guess until this stand can be inventoried again. Trenched on 9/13/10 Planted on 4/25/11 at 953 RP/ac
89	4310 - Pi Canopy Species Northern Pin Oak	ne, Oak Mix % Cover	Size Class	Sapling I DBH	Medium I Age	40.0 Sub-Ca i	11 I nopy Species	mmature Density	N/A Avg. Height		spreadsheet year 3 survey data. Therefore, the canopy data is somewhat of a guess until this stand can be inventoried again. Trenched on 9/13/10 Planted on 4/25/11 at 953 RP/ac Year 1 Survey in 2012 at 643 RP/ac
89	4310 - Pi Canopy Species Northern Pin Oak Red Pine	ne, Oak Mi> % Cover 50 25	Size Class Sapling Sapling	Sapling I DBH 2 1	Medium I Age	40.0 Sub-Ca i	11 I nopy Species	mmature Density	N/A Avg. Height		spreadsheet year 3 survey data. Therefore, the canopy data is somewhat of a guess until this stand can be inventoried again. Trenched on 9/13/10 Planted on 4/25/11 at 953 RP/ac Year 1 Survey in 2012 at 643 RP/ac Year 3 Survey in 2014 at 486 RP/ac and 1,267 O/M/C Competition/ac Orv trail in northern half of stand.
89	4310 - Pi Canopy Species Northern Pin Oak Red Pine	ne, Oak Mix % Cover 50 25 25 25	Size Class Sapling Sapling Sapling	Sapling I DBH 2 1 2 2	Medium I Age 11 9 	40.0 Sub-Car Blac	11 I nopy Species ck Cherry 78	mmature Density	N/A Avg. Height 5 - 10 feet		spreadsheet year 3 survey data. Therefore, the canopy data is somewhat of a guess until this stand can be inventoried again. Trenched on 9/13/10 Planted on 4/25/11 at 953 RP/ac Year 1 Survey in 2012 at 643 RP/ac Year 3 Survey in 2014 at 486 RP/ac and 1,267 O/M/C Competition/ac Orv trail in northern half of stand. -past treatment- clearcut, no tree-length skidding or chipping of tops, left 5-10 trees/ acre with tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -used average of 9 and 14 years due to natural and artificial regen-
89	4310 - Pi Canopy Species Northern Pin Oak Red Pine Jack Pine Jack Pine 42220 - Nat Canopy Species	ne, Oak Mix % Cover 50 25 25 25	Size Class Sapling Sapling Sapling	Sapling I DBH 2 1 2 2	Medium I Age 11	40.0 Sub-Car Blac	11 I nopy Species ck Cherry	mmature Density Medium	N/A Avg. Height 5 - 10 feet	Sapling	spreadsheet year 3 survey data. Therefore, the canopy data is somewhat of a guess until this stand can be inventoried again. Trenched on 9/13/10 Planted on 4/25/11 at 953 RP/ac Year 1 Survey in 2012 at 643 RP/ac Year 3 Survey in 2014 at 486 RP/ac and 1,267 O/M/C Competition/ac Orv trail in northern half of stand. -past treatment- clearcut, no tree-length skidding or chipping of tops, left 5-10 trees/ acre with tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -used average of 9 and 14 years due to natural and artificial regen-
89	4310 - Pi Canopy Species Northern Pin Oak Red Pine Jack Pine 42220 - Nat 42220 - Nat Canopy Species Jack Pine	tural Jack P	size Class Sapling Sapling Sapling	Sapling I DBH 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Medium I Age 11 9 	40.0 Sub-Cai Blac 8.0 Sub-Cai Bai	11 I nopy Species ck Cherry 78 Nopy Species Isam Fir	mmature Density Medium 111-140 Density Medium	N/A Avg. Height 5 - 10 feet N/A Avg. Height Variable	Sapling Size Sapling	spreadsheet year 3 survey data. Therefore, the canopy data is somewhat of a guess until this stand can be inventoried again. Trenched on 9/13/10 Planted on 4/25/11 at 953 RP/ac Year 1 Survey in 2012 at 643 RP/ac Year 3 Survey in 2014 at 486 RP/ac and 1,267 O/M/C Competition/ac Orv trail in northern half of stand. -past treatment- clearcut, no tree-length skidding or chipping of tops, left 5-10 trees/ acre with tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -used average of 9 and 14 years due to natural and artificial regen-
89	4310 - Pi Canopy Species Northern Pin Oak Red Pine Jack Pine 42220 - Nat Canopy Species Jack Pine Quaking Aspen	tural Jack P 70 70 70 70 15	Size Class Sapling Sapling Sapling Sapling Sapling	Sapling I DBH 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Medium I Age 11 9 wer Well	40.0 Sub-Car Blac 8.0 Sub-Car Bal Ret	11 I nopy Species ck Cherry 78 nopy Species Isam Fir	mmature Density Medium 111-140 Density	N/A Avg. Height 5 - 10 feet N/A N/A Avg. Height Variable Variable	Sapling Size Sapling Sapling	spreadsheet year 3 survey data. Therefore, the canopy data is somewhat of a guess until this stand can be inventoried again. Trenched on 9/13/10 Planted on 4/25/11 at 953 RP/ac Year 1 Survey in 2012 at 643 RP/ac Year 3 Survey in 2014 at 486 RP/ac and 1,267 O/M/C Competition/ac Orv trail in northern half of stand. -past treatment- clearcut, no tree-length skidding or chipping of tops, left 5-10 trees/ acre with tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -used average of 9 and 14 years due to natural and artificial regen- rp are shorter and smaller than oak and jp
89	4310 - Pi Canopy Species Northern Pin Oak Red Pine Jack Pine 42220 - Nat 42220 - Nat Canopy Species Jack Pine	tural Jack P	size Class Sapling Sapling Sapling	Sapling I DBH 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Medium I Age 11 9 wer Well	40.0 Sub-Car Blac 8.0 Sub-Car Bal Ret	11 I nopy Species ck Cherry 78 Nopy Species Isam Fir	mmature Density Medium 111-140 Density Medium	N/A Avg. Height 5 - 10 feet N/A Avg. Height Variable	Sapling Size Sapling	spreadsheet year 3 survey data. Therefore, the canopy data is somewhat of a guess until this stand can be inventoried again. Trenched on 9/13/10 Planted on 4/25/11 at 953 RP/ac Year 1 Survey in 2012 at 643 RP/ac Year 3 Survey in 2014 at 486 RP/ac and 1,267 O/M/C Competition/ac Orv trail in northern half of stand. -past treatment- clearcut, no tree-length skidding or chipping of tops, left 5-10 trees/ acre with tops, protected rp, wp, oak, and shrub adv regen -completion- 11/15/05 -sale number- 54-021-02-01 -leave trees- oak -volume (cds)- jp 1101 & aspen 40 (in part, includes stands 16, 21, and 89) -used average of 9 and 14 years due to natural and artificial regen- rp are shorter and smaller than oak and jp

Report 7 – Stands

Compartment: 49

Year of Entry: 2022

DNR

tand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age E	BA Range	Managed Si	ite	General Comments
91	4130 -	Aspen		Saplin	g Well	6.4	4	Immature	N/A		-past treatment- clearcut
	Canopy Species	% Cover	Size Class	DBH	I Age						-sale number- 54-026-12-01
	Bigtooth Aspen	85	Sapling	1	4						-acres- 11 (stands 91 and 95)- originally stand 33 -leave trees- green painted trees
	Jack Pine	5	Sapling	1							-volume (cds)- aspen 325, jp 14, rp 12, ro 3, wp 10, rm 7
Ν	Jorthern Pin Oak	5	Sapling	1							-completion- 10/16/15
	Red Maple	5	Sapling	1							-conducted a walk-through during field inventory and this stand has
	•		1 0								regenerated to well stocked aspen
92	310 - Herbace	eous Openl	and	Nonsto	ocked	0.6			No		
93	42141 - Planted M Deci	Mixed Pine, duous	Mixed	Saplin	g Well	23.3	3	Immature	N/A		C54-902NTrenched 7/2/2014Site prep herbicide 9/3/2014Planted 4/18/2015 with 1-0 PRT 987/acreYear 1 Survey at 891 RP/ac and 1,105
	Canopy Species	% Cover	Size Class	DBH	I Age						competitionYear 2 Survey done special on 5/15/17 919 RP/ac and 333
	Red Pine	55	Sapling	1	3						Competition/acThis stand has been updated from a field evaluation for a project on free to grow red pineYear 3 Regen Survey- 852 RP/ac and
Blac	k/Red (Hybrid) Oak	35	Sapling	1							1190 Comp./acThis stand has met the acceptable planted red pine
	Black Cherry	5	Sapling	1							stocking level for the third year regen survey and the treatment sequence
	Jack Pine	5	Sapling	1							has been closed outIn June 2018-852 TPA red pine, 1100 TPA red oak, 52 TPA cherry, 24 TPA jack pine. Height of planted- 2.5ft. Height of
94	42210 - Nati										
-			-	Sawtimb			97	81-110	N/A		ORV Trail through stand. Stand borders Brush Cr. to the south.possibly did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an
-	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale
-	Canopy Species Quaking Aspen	% Cover 5	Size Class Pole	DBH 7		Sub-Ca Re	nopy Species d Maple	Density Medium	Avg. Height Variable	Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1
-	Canopy Species Quaking Aspen White Pine	% Cover 5 5	Size Class Pole Log/Pole	DBH 7 13	Age 38	Sub-Ca Re Wr	nopy Species d Maple hite Pine	B Density Medium Low	Avg. Height Variable 5 - 10 feet	Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale
-	Canopy Species Quaking Aspen White Pine Red Pine	% Cover 5 5 60	Size Class Pole Log/Pole Log/XLog	DBH 7 13 15	I Age	Sub-Ca Re Wr Ja	nopy Species d Maple hite Pine ck Pine	Density Medium Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1
-	Canopy Species Quaking Aspen White Pine Red Pine Jack Pine	% Cover 5 60 15	Size Class Pole Log/Pole Log/XLog Log/Pole	DBH 7 13 15 10	Age 38 97	Sub-Ca Re Wr Ja Pir	nopy Species d Maple hite Pine ck Pine n Cherry	Density Medium Low Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1
-	Canopy Species Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir	% Cover 5 60 15 10	Size Class Pole Log/Pole Log/XLog Log/Pole	DBH 7 13 15 10 8	Age 38 97 38	Sub-Ca Re Wr Ja Pir	nopy Species d Maple hite Pine ck Pine	Density Medium Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1
-	Canopy Species Quaking Aspen White Pine Red Pine Jack Pine	% Cover 5 60 15	Size Class Pole Log/Pole Log/XLog Log/Pole	DBH 7 13 15 10	Age 38 97	Sub-Ca Re Wr Ja Pir	nopy Species d Maple hite Pine ck Pine n Cherry	Density Medium Low Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1
	Canopy Species Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir Red Maple	% Cover 5 60 15 10	Size Class Pole Log/Pole Log/XLog Log/Pole Pole	DBH 7 13 15 10 8	Age 38 97 38 38 38	Sub-Ca Re Wh Ja Pir Ba	nopy Species d Maple hite Pine ck Pine n Cherry Isam Fir	Density Medium Low Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1 mbf rp and 1 mbf -probably was cut through, wp in ne leg of stand
95	Canopy Species Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir Red Maple	% Cover 5 60 15 10 5	Size Class Pole Log/Pole Log/XLog Log/Pole Pole	DBH 7 13 15 10 8 7 Sapling I	Age 38 97 38 38 38	Sub-Ca Re Wh Ja Pir Ba	nopy Species d Maple hite Pine ck Pine n Cherry Isam Fir	Density Medium Low Low Low Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1 mbf rp and 1 mbf -probably was cut through, wp in ne leg of stand -past treatment- clearcut -sale number- 54-026-12-01
95	Canopy Species Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir Red Maple 4130 -	% Cover 5 60 15 10 5	Size Class Pole Log/Pole Log/XLog Log/Pole Pole Pole	DBH 7 13 15 10 8 7 Sapling I	Age 38 97 38 38 38	Sub-Ca Re Wh Ja Pir Ba	nopy Species d Maple hite Pine ck Pine n Cherry Isam Fir	Density Medium Low Low Low Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1 mbf rp and 1 mbf -probably was cut through, wp in ne leg of stand -past treatment- clearcut -sale number- 54-026-12-01 -acres- 11 (stands 91 and 95)- originally stand 33 -leave trees- green painted trees
95	Canopy Species Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir Red Maple 4130 - Canopy Species	% Cover 5 60 15 10 5	Size Class Pole Log/Pole Log/XLog Log/Pole Pole Pole Size Class	DBH 7 13 15 10 8 7 Sapling I	Age Age 38 97 97 38 38 38 Medium Age	Sub-Ca Re Wh Ja Pir Ba	nopy Species d Maple hite Pine ck Pine n Cherry Isam Fir	Density Medium Low Low Low Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1 mbf rp and 1 mbf -probably was cut through, wp in ne leg of stand -past treatment- clearcut -sale number- 54-026-12-01 -acres- 11 (stands 91 and 95)- originally stand 33 -leave trees- green painted trees -volume (cds)- aspen 325, jp 14, rp 12, ro 3, wp 10, rm 7
95	Canopy Species Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir Red Maple 4130 - Canopy Species Quaking Aspen	% Cover 5 60 15 10 5	Size Class Pole Log/Pole Log/XLog Pole Pole Size Class Sapling	DBH 7 13 15 10 8 7 Sapling I BBH	Age 38 97 38 38 38 4 5	Sub-Ca Re Wh Ja Pir Ba	nopy Species d Maple hite Pine ck Pine n Cherry Isam Fir	Density Medium Low Low Low Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling	did this treatment-past treatment- clearcut, cut all aspen, mixed hwd, an all rp and wp with yellow paint-acres- 9-completion- 8-18-82-sale number- 032-82-leave treesvolume (cds)- 72 aspen, 14 mhwd, 1 mbf rp and 1 mbf -probably was cut through, wp in ne leg of stand -past treatment- clearcut -sale number- 54-026-12-01 -acres- 11 (stands 91 and 95)- originally stand 33 -leave trees- green painted trees

Report 7 – Stands



N DN

tand	Level 4 Co	over Type	S	Size De	nsity	Acres Star	nd Age B	A Range	Managed S	ite	General Comments
97	42121 - Planted Deci	Jack Pine duous	, Mixed Po	oletimb	er Well	8.4	44	81-110	N/A		-cut record in 1974 or 1976, core sample confirms
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	
	Jack Pine	80	Pole/Sapling	7	44	Northern Pi	n Oak	Medium	Variable	Sapling	
1	Northern Pin Oak	10	Log/Pole	13		Jack Pi	ne	Low	Variable	Sapling	
	Quaking Aspen	5	Log/Pole	10		Black Ch	erry	Low	Variable	Sapling	
	Red Maple	5	Pole/Sapling	6		Balsam	Fir	Low	Variable	Sapling	
98	42110 - Plar	nted Red F	vine Sa	awtimb	er Well	14.6	89	141-170	N/A		-planting record for RP/JP 1931 35 acres
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	-cut record for jp in 1958 or 1974 with aspen, rm, spruce and fir -cored 82 and 87 years
	Red Pine	95	Log/XLog	15	89	Northern Pi	-	Medium	Variable	Sapling	
	Jack Pine	5	Pole	7	45	Jack Pi	ne	Medium	>20 feet	Sapling	
						White P	ine	Low	Variable	Sapling	
						Balsam	Fir	Low	Variable	Sapling	
99	42220 - Nati	ural Jack F	Pine Po	oletimb	er Well	22.4	50	81-110	N/A		Can harvest, see distribution of current RPP sales in area and then mak decision. Stand is healthy and could wait till next entry.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	-1977 JP helicopter seed for 10 acres-50 year average, natural and
	Jack Pine	80	Pole/Log	8	50	Northern Pi	n Oak	Medium	Variable	Sapling	planted intermixed, south of rd is 10 yrs older-trees are not in furrows
1	Northern Pin Oak	10	Log/Pole	11		White P	ine	Medium	Variable	Sapling	north of road
	White Pine	5	Pole/Log	8		Red Ma	ple	Low	Variable	Sapling	
	Red Pine	5	Log/Pole	10							
00	4134 - Aspe	en, Spruce	/Fir Po	oletimb	er Well	2.4	45	51-80	N/A		Harvest to release white pine understory. Leave combination of 1-3 large
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	crowned red oak and white pine per acre for wildlifepast treatment- selection, cut all orange trees and cut all aspen, birch, red maple, jack
	Quaking Aspen	43	Pole	7	45	Balsam	Fir	Medium	Variable	Sapling	pine, and balsam fir -acres- 8-completion- 4/30/84-sale number- 54-
	Paper Birch	2	Pole	6		White Sp	ruce	Low	Variable	Sapling	065-82-01-leave trees- unmarked or undesignated trees-volume
	Red Maple	20	Pole/Sapling	6	45	White P	ine	Low	Variable	Sapling	(cds)- mostly mhwd, aspen, and jp in order of greatest volume
	Balsam Fir	20	Pole/Sapling	5		Red Ma	ple	Medium	Variable	Sapling	
	Red Oak	15	Log	14						1	•
01	6117 - Lowland I Coni	Deciduous ferous	, Mixed Po	oletimb	er Well	4.7	42	51-80	N/A		-past treatment- cut all cedar, spruce, fir, aspen and misc hwd. Cut all yellow painted wp, rp, and white spruce log trees. Looks like a strip cut
	Canopy Species		Size Class		Age	Sub-Canopy	Species	Density	Avg. Height	Size	according to mapacres- 10-completion- 9/29/77-sale number- 2- 77-leave treesvolume (cds)- cedar 5, spruce 2, fir 3, wp 8 mbf, rp 4
	Red Maple	34	Pole/Sapling	5	42	Red Ma	ple	Low	Variable	Sapling	mbf
	Balsam Fir	25	Pole/Sapling	5	42	Balsam	Fir	Medium	Variable	Sapling	
	Quaking Aspen	15	Pole/Sapling	5	42	Black Spi	ruce	Low	Variable	Sapling	
	White Pine	4	XLog	24							
	Red Pine	2	XLog	18							

Report 7 – Stands



N DN

tand	Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
02	42290 - Natu	ural Mixed F	Pine Po	oletimb	er Poor	4.6	60	1-50	N/A		
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	7		Whi	ite Pine	Medium	Variable	Sapling	
N	lorthern Pin Oak	10	Log/Pole	13		Bals	sam Fir	Low	Variable	Sapling	
C	Quaking Aspen	5	Pole	8	50	Norther	rn Pin Oak	Low	Variable	Sapling	
	White Pine	2	Log	13							-
	Red Pine	2	Log	11							
	Jack Pine	41	Pole/Log	8	60						
	White Pine	20	Pole/Log	8							
	Balsam Fir	10	Pole	7							
103	42121 - Planted Dec	I Jack Pine, iduous	Mixed	Sapling	g Well	9.6	14	Immature	N/A		-planted only the east 40? Looks that way-past treatment- clearcut, no tree-length skidding or chipping of tops, protected rp, wp, oak, and shru
	Canopy Species	% Cover	Size Class	DBH	Age						adv regen-completion- 11/15/05-sale number- 54-021-02-01-leave trees- oak-volume (cds)- jp 1101 & aspen 40 (in part, includes stands
N	lorthern Pin Oak	25	Sapling	2							16, 21, and 89) west half natural -30% rp, 38% pin oak, 30% jp,, 2%
	Jack Pine	60	Sapling	2	14						14 in rp
	Pin Cherry	5	Sapling	2							
	Pin Cherry Red Pine	5 5	Sapling Sapling	2							
104	Red Pine Red Pine	5 3 Pine, Oak	Sapling Log Sav	2 15 vtimber	· Mediun	n 2.3	85	81-110	N/A		-good visual stand along the trail with mast oak and good advanced wp
	Red Pine Red Pine 42250 - Canopy Species	5 3 Pine, Oak % Cover	Sapling Log Sav Size Class	2 15 vtimber DBH	· Mediun	Sub-Can	opy Species		Avg. Height	Size	-good visual stand along the trail with mast oak and good advanced wp establishing under and around the oak
	Red Pine Red Pine 42250 - Canopy Species Red Maple	5 3 Pine, Oak % Cover 5	Sapling Log Sav Size Class Pole	2 15 vtimber DBH 8	Age	Sub-Can Whit	opy Species ite Pine	Density Medium	Avg. Height Variable	Sapling	
	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine	5 3 Pine, Oak ∕ Cover 5 45	Sapling Log Sav Size Class	2 15 vtimber DBH 8 15		Sub-Can Whit Bals	i opy Species ite Pine sam Fir	Density	Avg. Height Variable Variable	Sapling Sapling	
	Red Pine Red Pine 42250 - Canopy Species Red Maple	5 3 Pine, Oak % Cover 5 45 15	Sapling Log Saw Size Class Pole Log/XLog/Pole Log	2 15 vtimber 0BH 8 15 14	85	Sub-Can Whit Bals Black	i opy Species ite Pine sam Fir k Cherry	B Density Medium Low Low	Avg. Height Variable Variable 5 - 10 feet	Sapling Sapling Sapling	
(Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen	5 3 Pine, Oak Cover 5 45 15 5	Sapling Log Saw Size Class Pole Log/XLog/Pole Log Pole	2 15 vtimber 0BH 8 15 14 7	Age	Sub-Can Whit Bals Black Red	ite Pine sam Fir k Cherry d Maple	 Density Medium Low Low Medium 	Avg. Height Variable Variable 5 - 10 feet Variable	Sapling Sapling Sapling Sapling	
(Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine	5 3 Pine, Oak Cover 5 45 15 5	Sapling Log Saw Size Class Pole Log/XLog/Pole Log	2 15 vtimber 0BH 8 15 14	85	Sub-Can Whit Bals Black Red	i opy Species ite Pine sam Fir k Cherry	 Density Medium Low Low Medium 	Avg. Height Variable Variable 5 - 10 feet	Sapling Sapling Sapling	
C Black 105	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla	5 3 Pine, Oak % Cover 5 45 15 5 30	Sapling Log Sav Size Class Pole Log/XLog/Pole Log Pole Log/XLog	2 15 Vtimber 8 15 14 7 14 7	85 50 er Well	Sub-Can Whit Bals Black Red Black/Red	ite Pine sam Fir k Cherry Maple I (Hybrid) Oal	Bensity Medium Low Low Medium Medium Bal-110	Avg. Height Variable Variable 5 - 10 feet Variable Variable N/A	Sapling Sapling Sapling Sapling Sapling	
C Black 105	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla Canopy Species	5 3 Pine, Oak % Cover 5 45 15 30 inted Red P % Cover	Sapling Log Saw Size Class Pole Log/XLog/Pole Log/XLog ine Sa Size Class	2 15 DBH 8 15 14 7 14 7 14 DBH	I Age 85 50 er Well Age	Sub-Can Whit Bals Black Red Black/Red 12.6 Sub-Can	topy Species tite Pine sam Fir k Cherry d Maple I (Hybrid) Oal 81 topy Species	 Density Medium Low Low Medium Medium Medium S1-110 Density 	Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling	
C Black 105	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla Canopy Species Red Pine	5 3 Pine, Oak 5 45 15 30 anted Red P Kover 80	Sapling Log Saw Size Class Pole Log/XLog/Pole Log/XLog ine Sa Size Class Log/XLog	2 15 DBH 8 15 14 7 14 7 14 DBH 15	Age 85 50 er Well Age 81	Sub-Can Whit Bals Black Red Black/Red 12.6 Sub-Can Norther	te Pine sam Fir k Cherry d Maple (Hybrid) Oal 81 81 100py Species rn Pin Oak	 Density Medium Low Low Medium Medium Medium 	Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height Variable	Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling	
C Black 105	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla Canopy Species	5 3 Pine, Oak % Cover 5 45 15 30 inted Red P % Cover	Sapling Log Saw Size Class Pole Log/XLog/Pole Log/XLog ine Sa Size Class	2 15 DBH 8 15 14 7 14 7 14 DBH	I Age 85 50 er Well Age	Sub-Can Whit Bals Black Red Black/Red 12.6 Sub-Can Norther Jac	tite Pine sam Fir k Cherry d Maple I (Hybrid) Oal 81 oppy Species rn Pin Oak ck Pine	 Density Medium Low Low Medium Medium 81-110 5 Density Medium Low	Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height Variable 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	
C Black 105	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla Canopy Species Red Pine	5 3 Pine, Oak 5 45 15 30 anted Red P Kover 80	Sapling Log Saw Size Class Pole Log/XLog/Pole Log/XLog ine Sa Size Class Log/XLog	2 15 DBH 8 15 14 7 14 7 14 DBH 15	Age 85 50 er Well Age 81	Sub-Can Whit Bals Black Red Black/Red 12.6 Sub-Can Norther Jac	te Pine sam Fir k Cherry d Maple (Hybrid) Oal 81 81 100py Species rn Pin Oak	 Density Medium Low Low Medium Medium Medium 	Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height Variable	Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling	
C Black 105 106	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla Canopy Species Red Pine Jack Pine Jack Pine	5 3 Pine, Oak % Cover 5 45 15 30 inted Red P % Cover 80 20 intural Jack P	Sapling Log Sav Size Class Pole Log/XLog/Pole Log/XLog ine Sa Size Class Log/XLog Pole/Sapling	2 15 DBH 8 15 14 7 14 DBH 15 7 Sapling	I Age 85 50 50 I Age 81 44 9	Sub-Can Whit Bals Black Red Black/Red 12.6 Sub-Can Norther Jac Red 3.8	ite Pine sam Fir k Cherry I Maple I (Hybrid) Oal 81 opy Species m Pin Oak k Pine d Pine 26	bensity Medium Low Medium Medium 81-110 bensity Medium Low Low	Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	establishing under and around the oak
C Black 105 106	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla Canopy Species Red Pine Jack Pine 42220 - Nat Canopy Species	5 3 Pine, Oak % Cover 5 45 15 30 inted Red P % Cover 80 20 intural Jack P	Sapling Log Saw Size Class Pole Log/XLog/Pole Log/XLog ine Sa Size Class Log/XLog Pole/Sapling	2 15 DBH 8 15 14 7 14 DBH 15 7 Sapling DBH	Age 85 50 50 er Well Age 81 44 9 Well	Sub-Can Whit Bals Black Red Black/Red 12.6 Sub-Can Norther Jac Red 3.8	tite Pine sam Fir k Cherry d Maple I (Hybrid) Oal 81 toppy Species rn Pin Oak ck Pine d Pine	bensity Medium Low Medium Medium 81-110 bensity Medium Low Low	Avg. Height Variable Variable 5 - 10 feet Variable Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable N/A Avg. Height Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	SWSE 1929 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1933 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38
0 Black 105 106	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla Canopy Species Red Pine Jack Pine Jack Pine	5 3 Pine, Oak % Cover 5 45 15 30 inted Red P % Cover 80 20 intural Jack P	Sapling Log Sav Size Class Pole Log/XLog/Pole Log/XLog ine Sa Size Class Log/XLog Pole/Sapling	2 15 DBH 8 15 14 7 14 DBH 15 7 Sapling	Age 85 50 50 er Well Age 81 44 90	Sub-Can Whit Bals Black Red Black/Red 12.6 Sub-Can Norther Jac Red 3.8 Sub-Can Norther	te Pine sam Fir k Cherry d Maple l (Hybrid) Oal 81 topy Species m Pin Oak ck Pine d Pine 26 topy Species rn Pin Oak	bensity Medium Low Medium Medium 81-110 bensity Medium Low Low	Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	SWSE 1929 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1933 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38
C Black 105 106	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla Canopy Species Red Pine Jack Pine 42220 - Nat Canopy Species	5 3 Pine, Oak % Cover 15 30 inted Red P % Cover 80 20 tural Jack P % Cover	Sapling Log Saw Size Class Pole Log/XLog/Pole Log/XLog ine Sa Size Class Log/XLog Pole/Sapling ine Size Class	2 15 DBH 8 15 14 7 14 DBH 15 7 Sapling DBH	Age 85 50 50 er Well Age 81 44 9 Well	Sub-Can Whit Bals Black Red Black/Red 12.6 Sub-Can Norther Jac Red 3.8 Sub-Can Norther	te Pine sam Fir k Cherry Maple (Hybrid) Oak 81 opy Species m Pin Oak k Pine d Pine 26 opy Species	 Density Medium Low Low Medium Medium 81-110 Density Medium Low Low 1-50 Density 	Avg. Height Variable Variable 5 - 10 feet Variable Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable N/A Avg. Height Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	SWSE 1929 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1933 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1933 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38
C Black 105 106	Red Pine Red Pine 42250 - Canopy Species Red Maple White Pine Red Pine Quaking Aspen k/Red (Hybrid) Oak 42110 - Pla Canopy Species Red Pine Jack Pine 42220 - Nat Canopy Species Red Pine	5 3 Pine, Oak 5 45 15 30 inted Red P & Cover 80 20 intel Jack P tural Jack P % Cover 15	Sapling Log Saw Size Class Pole Log/XLog/Pole Log/XLog ine Sa Size Class Log/XLog Pole/Sapling ine Size Class Log/XLog	2 15 DBH 8 15 14 7 14 DBH 15 7 Sapling DBH 16	Age 85 50 50 er Well Age 81 44 90	Sub-Can Whit Bals Black Red Black/Red 12.6 Sub-Can Norther 3.8 Sub-Can Norther Red	te Pine sam Fir k Cherry d Maple l (Hybrid) Oal 81 topy Species m Pin Oak ck Pine d Pine 26 topy Species rn Pin Oak	 Density Medium Low Low Medium Medium 81-110 Density Medium Low Low 1-50 Density Medium 	Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height Variable 5 - 10 feet Variable N/A Avg. Height 10 - 20 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	SWSE 1929 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1933 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38 acresSWSE 1940 planting record- NP3 JP2 800 trees/acre, planted 38

Report 7 – Stands

Compartment: 49 Year of Entry: 2022



Stand	Level 4 C	S	Size Density		Acres	Stand Age BA Range		Managed Site		General Comments	
107	6112 - Lowland Aspen			Poletimber Medium		n 11.1	43	81-110	N/A		small stream through center of stand, little left to harvest when buffered.
	Canopy Species	% Cover	Size Class	ze Class DBH Ag		Sub-Ca	anopy Species	Density	Avg. Height	Size	great wildlife corridor, and thermal cover from cedar -1974 and 1976 cut record
	Red Maple	ed Maple 31 Pole/Sapling 6			Red Maple		Medium	Variable	Sapling		
	Paper Birch	2	Pole	5		Balsam Fir		Low	Variable	Variable Sapling	
(Quaking Aspen	aking Aspen 48 Pole 7 43		Tag Alder		Medium	5 - 10 feet	Tall Shrub	a de la companya de la		
	Black Spruce	2	Pole	7				1			-
	Balsam Fir	17	Pole	7							