

Compartment Review Presentation

Grayling Forest Management Unit

Compartment 72213 Entry Year 2022 Acreage: 915

County Crawford

Management Area: Grayling Ice Contact

Revision Date: 2020-06-23

Stand Examiner: John St. Pierre

Legal Description:

T28N-R03W, Sections 4, 5 and 6, Crawford County

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.

Soil and topography:

The terrain is flat to gently rolling. The main soil type present within this compartment is Rubicon Sand. This soil type is classified as being excessively well drained and is common on outwash plains and stream terraces. There is little risk of both surface erosion and windthrow in this soil

series. Blue Lake Loamy Sand and Dawson –Loxley Peat are the other two soil types that are well represented within this compartment. Blue Lake Loamy Sand is classified as being well drained and is typical of moraine landforms. Within this soil type, erosion and windthrow possibilities are slight. Dawson-Loxley Peat is classified as being very poorly drained and is common on closed depressions on lake plains. The chance for erosion is negligible and wind throw possibility is high depending on exposure to winds.

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

State ownership is interrupted within sections 4 and 5 by the Crawford-Otsego landfill. Active groundwater testing wells associated with the landfill are present in section 4. Private ownership is found on the northern and southern boundary of section 4, west of Sherman Rd. Currently, sections 4 and 5 house nine active well pad sites and one pump station facility. Interstate 75 and its associated right-of-way fence line dissects western portions of the compartment (section 5). Section 5 (west of I-75) accommodates an underground high-pressure gas pipeline corridor, above ground powerline corridors, N Roberts Rd and day use/public access to Horseshoe and Blue Gill Lakes. Privately owned parcels increase quite dramatical within section 6. Most of these parcels and homes are located on or near Horseshoe and Blue Gill Lakes.

Unique Natural Features:

The water bodies in the western portion of the compartment have groundwater flow influence into headwater tributaries of the Au Sable River. Bradford Creek is one of these tributaries and is located just west across Old-27. The Au Sable River is a designated wild and scenic river, it's also classified under the Natural Rivers Act. No other known unique natural features are currently present within this compartment.

Archeological, Historical, and Cultural Features:

No known archeological, historical, or cultural features are present within this compartment.

Special Management Designations or Considerations:

No known special management designations or considerations are present within this compartment.

Watershed and Fisheries Considerations:

Blue Gill and Horseshoe Lakes lie in the western portion of the compartment. Each lake has a designated access site on it which are currently managed by Parks and Recreation Division. These lakes are noted for generally having good fishing opportunities.

Wildlife Habitat Considerations:

Wildlife utilization was commonly observed throughout the compartment. The major species observed during field data collection were; whitetail deer, wild turkey and ruffed grouse. There's a larger presence of raptor species near the landfill. Forest management in the compartment has provided suitable habitat for species that depend upon early and mid-successional forest cover-types.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial metallic mineral production in this part of the state. The closest active

9/1/2020 10:46:29 AM - Page 1 of 2 POLEYN

sand/gravel pit is just over three miles to the southwest. Sand & gravel potential appears to be good in the compartment. The compartment lies within Antrim Shale gas play. Most of the compartment is producing Antrim gas, and there is little potential for additional Antrim wells. The compartment is on the southern edge of the Guelph (Niagaran) reef trend. Multiple wells have been drilled in the compartment to test for reef reservoirs, and all were dry holes. There may be potential for future reef discoveries beneath compartment, but probability is low. Nearly all the State-owned mineral rights in the compartment are currently leased and held by production.

Vehicle Access:

Access to the compartment is generally good yet some areas of section 5 can be more challenging to reach. N Sherman, Hartwick and N Petersen are the primary access roads for sections 4 and 5. From these roads extend a series of forest access routes leading to many of the gas wells located in sections 4 and 5. Gates restrict access to some state lands located near the landfill, requiring access be obtained by crossing state land from the south and/or the north. N Roberts Rd provides primary access into the portions of the compartment west of I-75 (sections 5 and 6). Forest access routes are limited in this area and 'on foot' travel is generally the most reliable mode of transportation.

Survey Needs:

Currently no survey needs.

Recreational Facilities and Opportunities:

Horseshoe and Blue Gill lakes and their associated access sites provide a great deal of recreational possibilities. There's ample opportunity for various forms of hunting. Leisurely walking, hiking and snowshoeing are activities that could be enjoyed within this compartment.

Fire Protection:

Wildland fire suppression for this compartment and surrounding area is provided by local VFD's and DNR resources based out of Grayling and Gaylord field offices.

Additional Compartment Information:

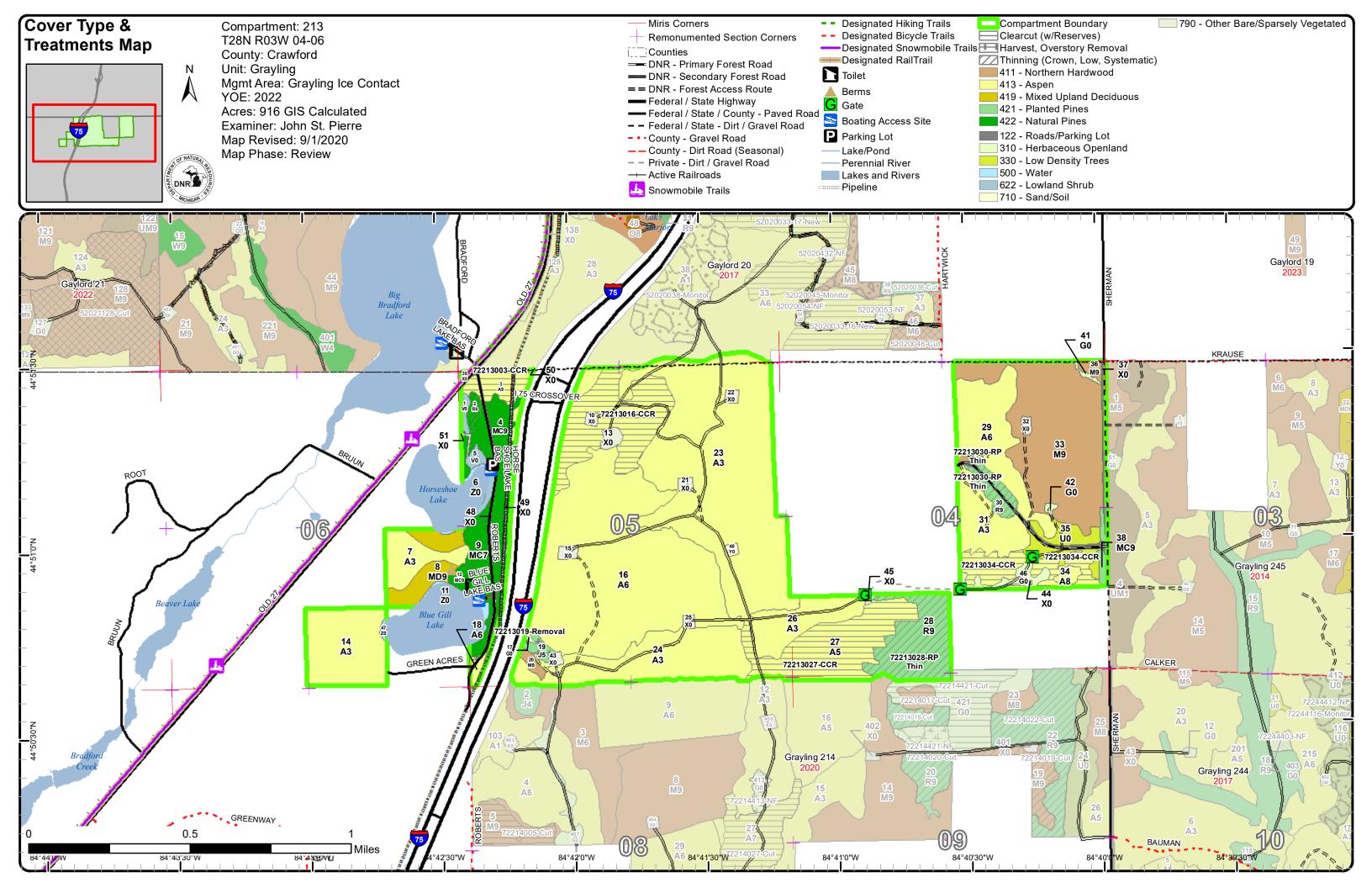
The following reports from the Inventory are attached:

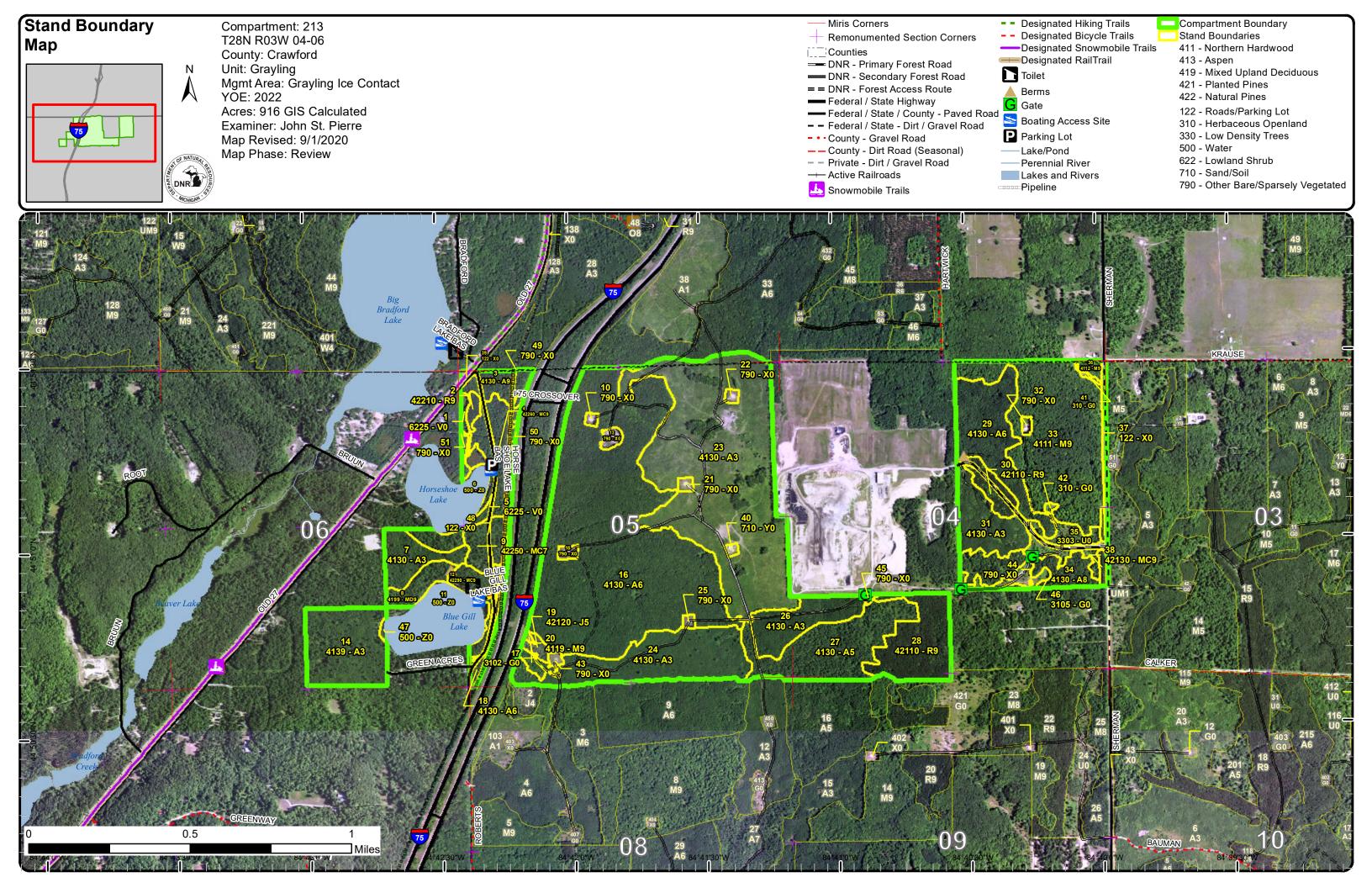
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

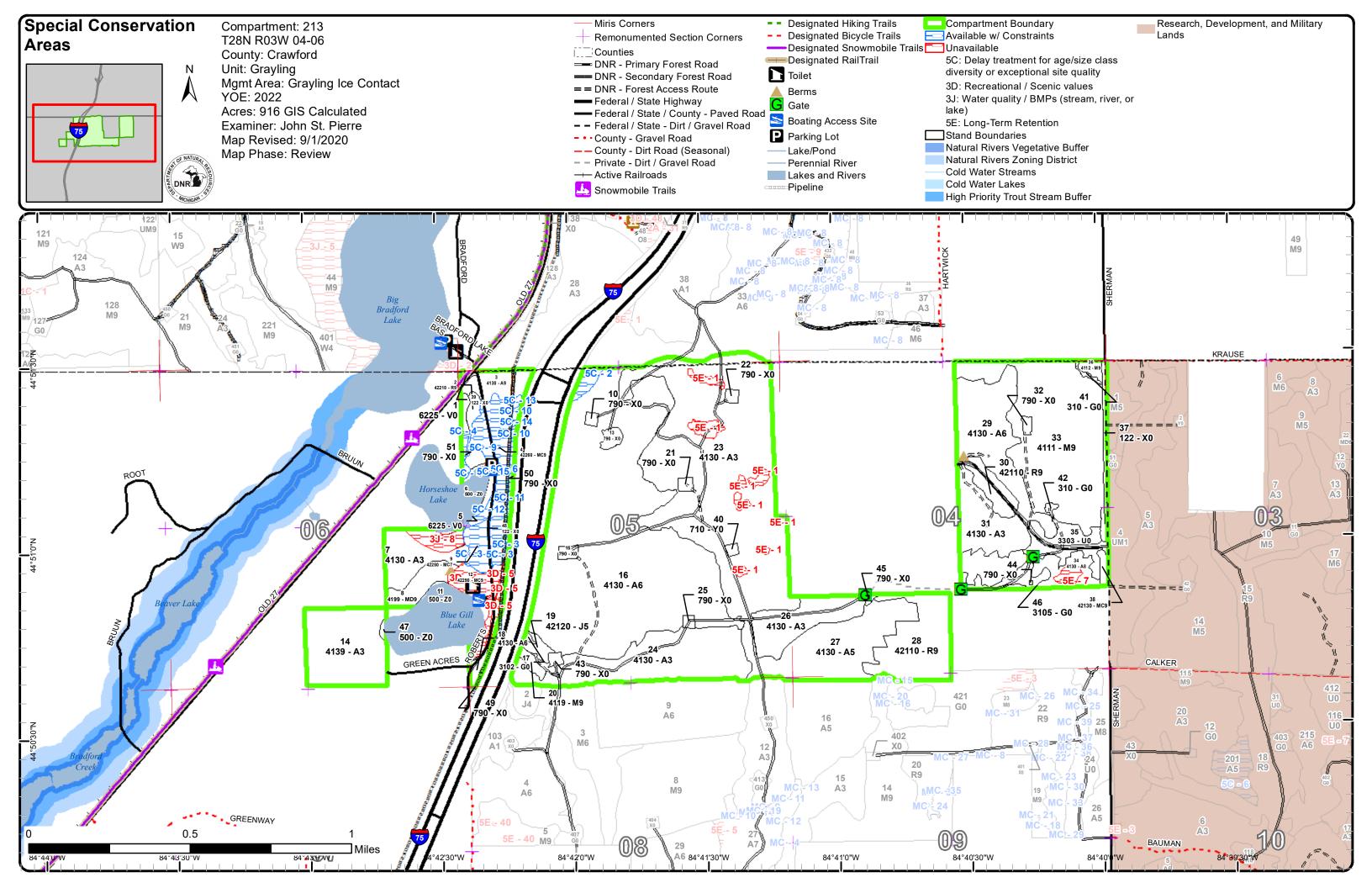
The following information is displayed, where pertinent, on the attached compartment maps:

Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries

Details on the road access system







Grayling Mgt. Unit

John St. Pierre: Examiner

Compartment 213 Year of Entry 2022



Age Class

			,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
		L'AND C	/ 3 / s			3 / 6		/ 3 /s	/ 8 / k	/ 8 / &				(& / &				\$ \\ \text{cet}	Lag Lag
Aspen	0	166	0	150	248	0	47	32	0	0	0		0	0	0	<u> </u>	0	0	643
Bare/Sparsely Vegetated	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Bog	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Jack Pine	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Low-Density Trees	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15
Natural Mixed Pines	0	0	0	0	0	0	0	21	23	0	0	0	0	0	0	0	0	0	44
Northern Hardwood	0	0	0	0	0	0	0	0	0	90	0	0	0	0	0	0	0	0	90
Planted Mixed Pines	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Red Pine	0	0	0	0	0	0	40	2	0	0	0	0	0	0	0	0	0	0	42
Sand, Soil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Urban	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Water	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Total	76	166	0	150	248	0	90	57	38	90	0	0	0	0	0	0	0	0	914



Report 2 – Treatment Summary

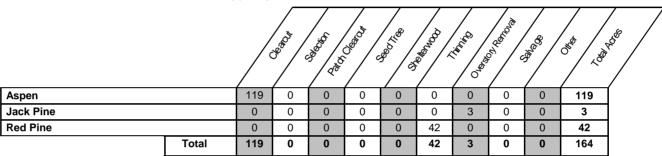
Grayling Mgt. Unit Year of Entry: 2022

Acres of Harvest

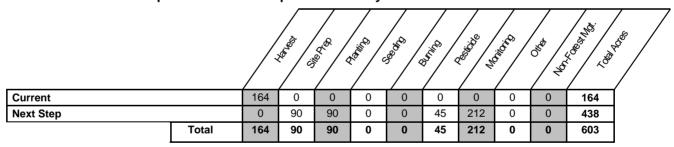
Compartment 213
Total Compartment Acres: 915

Commercial Harvest - 164
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Acres

Treatment

Type

Treatment

Method

BA

Range

Stand

Age

Size

Density

Compartment: 213
Year of Entry: 2022

Age

Structure

Cover Type

Objective

DNR DICHIGAN

Habitat

Cut

Proposed Treatments:

Treatment

Name

S

t a

n

d

272213002-RP
Thin2.242210 - Natural
Red PineSawtimber
Well65171-
200Harvest
HarvestCrown Thinning
Crown Thinning
Red Pine42210 - Natural
Red PineEven-Aged
Red Pine

Prescription Crown Thin. Target 120BA

<u>Specs:</u>
- Maintain the diversity of this natural stand. Do not 'spec out' species for removal. In areas with a broad mixture of species, favor leaving the 'best tree in place'.

Retain relic xlog/super-canopy red pineFocus marking red pine stems with defect

Stand

CoverType

- Some walk-through areas likely

Next Step Treatments:

Acceptable Regen:

Other Sign and protect Roberts Rd during harvest operations.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

3 72213003- 9.3 4130 - Aspen Sawtimber 66 81-110 Harvest Clearcut with 413 - Aspen Even-Aged No CCR Well Retention

Prescription Specs: Clearcut w/Retention.- Capture some healthy canopy oak when establishing one or more small retention areas. Consider visual aesthetics during prep.- Leave red and white pine (per 9/1/10 pre-review management agreement)- Protect white pine and red oak regen in specs - Include drumming log, gas pipeline and powerline/utility specs

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any stocking level of aspen with components of red maple, red oak, pine and paper birch.

Regen:

Other Sign and protect Roberts Rd during harvest operations.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

16 72213016- 45.0 4130 - Aspen Poletimber 37 51-80 Harvest Clearcut with 413 - Aspen Even-Aged No CCR Well Retention

Prescription Clearcut w/Retention.

Specs:

- Use stand topography/contour to creatively establish boundary lines near the I-75 corridor. Rx layer lines are meant to provide ~general guidance.

- Capture oak within some island retention
- Leave the incidental conifer component
- Use drumming log and gas well protection specs

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any stocking level of aspen with components of red maple, red oak, paper birch, black cherry and pine.

Regen:

Other Treatment created to break-up the age class of this large aspen stand.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

Compartment: 213

Year of Entry: 2022

Pine. Mixed

Deciduous

Removal

S t a

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
19	72213019-	2.8	42120 - Planted	Poletimbe	er 50	51-80	Harvest	Overstory	42260 - Natural	Even-Aged	No

Prescription Overstory Removal.

Removal

Specs: - Leave incidental white and red pine. To provide a current/future seed source and vertical structure/wildlife cover.

Medium

Protect white pine and oak saplingsInclude gas well protection spec(s)

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Release of the current sub-canopy white pine saplings mixed with regenerating aspen, red maple, black cherry and jack pine. Any stocking level mixture of the aforementioned species is acceptable.

Other Comment: Package with adjacent red pine thinning sale(s).

Jack Pine

Site Condition

Proposed Start Date: 10/1 /2021

27 72213027- 45.2 4130 - Aspen Poletimber 54 51-80 Harvest Clearcut with 413 - Aspen Even-Aged No Retention

Prescription Clearcut w/Retention.

<u>Specs:</u> - Consider placing some island/boundary excluded retention in the extreme west/northwest 'panhandle' area. It holds more white pine than remainder of stand.

- Leave incidental red/white pine, spruce and fir. Residual conifer will provide current/future seed source and vertical structure/wildlife cover.

- Protect hawthorn/juneberrry shrubs and white pine saps

- Include drumming log and well pad protection spec(s)

Next Step SitePrep, Roller Chopping; Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Treatments: Monitoring, Artificial Regen(3yr); Planting, Replant; Monitoring, Natural Regen (Re-Inventory)

Acceptable - Any stocking level of aspen with minor components of maple, black cherry, paper birch and conifer species.

Regen: - If regen fails (unlikely), Grayling Wildlife Biologist supports planting this site to red pine.

Other Best access is south off Hartwick Rd, then travels through landfill property. The segment of road on landfill property is gated/usually locked. Comment: Contact the landfill manager prior to harvesting operations to facilitate possible access. Other access options are available.

Site Condition

Proposed Start Date: 10/1 /2021

72213028-RP 42110 - Planted Sawtimber 141-4211 - Planted 28 32.6 53 Harvest Crown Thinning Even-Aged No Red Pine Well 170 Red Pine Thin

Prescription Crown Thinning. Target 120BA

- Focus marking red pine stems with defect and some of the larger log sized stems

- Only mark canopy deciduous if it looks like they'll impede equipment mobility

- 'Walk through' areas likely in east/southeast, where RP was outcompeted

- Include gas well protection spec(s)

Next Step Treatments:

Acceptable

Regen:

Specs:

Other Best access is south off Hartwick Rd, then travels through landfill property. The segment of road on landfill property is gated/usually locked. Comment: Contact the landfill manager prior to harvesting operations to facilitate possible access. Other access options are available.

Site Condition

Proposed Start Date: 10/1 /2021



n d	Name	Acres	CoverType	Density	Age	Range	Type	Method	Objective	Age Structure	Cut
30	72213030-RP	7.5	42110 - Planted	Sawtimbe	r 53	171-	Harvest	Crown Thinning	4211 - Planted	Even-Aged	No
	Thin		Red Pine	Well		200			Red Pine		

Prescription Crown Thinning. Target 120BA- Focus marking red pine stems with defect and some of the larger log sized stems- Only mark canopy deciduous if it looks like they'll impede equipment mobility- 'Walk through' areas likely in south polygon, where RP was outcompeted Specs:

Next Step Treatments:

S

t

Acceptable Regen:

Hartwick Rd is busy with truck traffic going to/from the Otsego-Crawford Co. landfill. Notify the landfill manager prior to the start of harvesting Other operations and post Hartwick Rd with caution signs. Comment:

Site Condition

Proposed Start Date: 10/1 /2021

34 72213034-51-80 19.7 4130 - Aspen Sawtimber 69 Harvest Clearcut with 413 - Aspen Even-Aged Nο **CCR** Medium Retention

Prescription Clearcut w/Retention.

Specs: - A retention island has already been delineated around advanced sugar maple regen found in the east polygon. Establish this island during

- Leave incidental conifer (except any scotch pine) and oak - Protect hawthorn/juneberry shrubs and white pine saps
- Protect the water testing well head located along the secondary forest road (see OFS points)

- Use drumming log and gas well/pipeline protection specs

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any stocking level of aspen with components of red/sugar maple, black cherry, oak and pine.

Regen:

Hartwick Rd is busy with truck traffic going to/from the Otsego-Crawford Co. landfill. Notify the landfill manager prior to the start of harvesting Other Comment: operations and post Hartwick Rd with caution signs.

Site Condition

Proposed Start Date: 10/1 /2021

Total Treatment 164.3 Acreage Proposed:

Grayling Mgt. Unit

John St. Pierre : Examiner

Compartment: 213
Year of Entry: 2022

Availa	ability for	Managemer	nt					
Total	Acres	Acres Avail	Acres		Domina	nt Sit	e Con	ditions
Acres	Available	With Condition	Not Available		5C	3D	3J	5E
643	629	4	11	Aspen	4			11
17	17	0	0	Bare/Sparsely Vegetated				
5	5	0	0	Bog				
7	7	0	0	Herbaceous Openland				
3	3	0	0	Jack Pine				
12	12	0	0	Low-Density Trees				
15	9	0	6	Mixed Upland Deciduous			6	
44	0	31	12	Natural Mixed Pines	31	12	0	
90	90	0	0	Northern Hardwood				
2	2	0	0	Planted Mixed Pines				
42	42	0	0	Red Pine				
1	1	0	0	Sand, Soil				
15	15	0	0	Urban				
19	19	0	0	Water			0	
915	852	35	28	Total Forested Acres	35	12	6	11
	93%	4%	3%	Relative Percent		-		

*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	8	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
7		this small portion of Stand 16 ccurring within Stand 16, to se					ently excluded from the

Report 4 – Site Conditions

Compartment: 213

Grayling Mgt. Unit

John St. Pierre : Examiner Year of Entry: 2022

3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Harvested mid-00's continue to delay/h	s, left white pine and oak. Age o old.	f unders	stocked canopy residuals	from harvest are tripping the	e 'meets criteria' button. Ro	egenerating nicely,
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	2	Unspecified	Unspecified	Unspecified	Unspecified
	red pine are preser	empasses Stand 4. A public boant, most to east of Horseshoe Lar possible management ideas. (ake. Go	od mix of healthy canopy			
5	Unavailable	3D: Recreational / Scenic values	12	5B: Maintain for regeneration purposes	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified
	species, some beir	encompasses Stand 12. Within ng difficult to regenerate (hemloo nents related to the day use area	ck, natu				
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
	red pine are preser	ompasses Stand 4. A public boant, most to east of Horseshoe Lar possible management ideas. (ake. Go	od mix of healthy canopy			
7	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Pre-designated isla 20ft or greater (son	and LTR for the timber sale occune less than 10ft).	ırring w	ithin this stand. Captures	an area of advanced sub-ca	nopy hard maple regenera	ation. Many stems 10-

9/1/2020 10:46:21 AM - Page 2 of 4 POLEYN

Report 4 – Site Conditions

Compartment: 213

Grayling Mgt. Unit

John St. Pierre : Examiner Year of Entry: 2022

8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	3D: Recreational / Scenic values	5B: Maintain for regeneration purposes	Unspecified	Unspecified
;		dance/influence with respect to plygons featured favorable rege					
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
;	red pine are preser	empasses Stand 4. A public boant, most to east of Horseshoe Loronspible management ideas.	ake. God	od mix of healthy canopy			
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Small segregated p	polygons belonging to Stand 3.	Include t	hese with any future mar	nagement that occurs/may or	ccur within Stand 4.	
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	2	Unspecified	Unspecified	Unspecified	Unspecified
;	red pine are preser	empasses Stand 4. A public boant, most to east of Horseshoe Lorossible management ideas.	ake. God	od mix of healthy canopy			
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	1	Unspecified	Unspecified	Unspecified	Unspecified
;	red pine are preser	empasses Stand 4. A public boant, most to east of Horseshoe Lorossible management ideas.	ake. God	od mix of healthy canopy			

9/1/2020 10:46:21 AM - Page 3 of 4 POLEYN

Report 4 – Site Conditions

Compartment: 213

Grayling Mgt. Unit

John St. Pierre : Examiner Year of Entry: 2022

13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	1	Unspecified	Unspecified	Unspecified	Unspecified
,		ompasses Stand 4. A public boarnt, most to east of Horseshoe La					
1	reatment notes fo	r possible management ideas. 🤉	juidance,	/ideas.	•		
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	0	Unspecified	Unspecified	Unspecified	Unspecified
;	red pine are prese	ompasses Stand 4. A public boar nt, most to east of Horseshoe La r possible management ideas. ç	ke. Goo	d mix of healthy canopy s			
15	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Site condition enco	ompasses Stand 4. A public boa	: launch/	day use area providing ac	cess to Horeseshoe Lake	is located in the stand. Leg	gacy white pine and relic

Site condition encompasses Stand 4. A public boat launch/day use area providing access to Horeseshoe Lake is located in the stand. Legacy white pine and relic red pine are present, most to east of Horseshoe Lake. Good mix of healthy canopy species, areas of desirable regen present too. See stand comments/draft treatment notes for possible management ideas. guidance/ideas.

9/1/2020 10:46:22 AM - Page 4 of 4 POLEYN

Mgt. Unit

Compartment: #Type! Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Grayling Mgt. Unit Compartment: 213
Year of Entry 2022



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen condition stocked trout populations and those of other coldwater fish speci conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	es to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen condistocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Research and Military Areas	These areas provide facilities and lands specifically dedicated for include the 5,847 acre Forest Fire Experiment Station, the 12,000 Area, the Beaver Islands Archipelago Wildlife Research Area (the High and Hog Islands, all state owned land on Beaver, South Fow Wildlife Research Area, the 3,000 acre Hunt Creek Fisheries Research, and over 144,000 acres of Military Lands.	0 acre Houghton Lake Wildlife Research at includes most of Garden Island, all of x and North Fox Islands), the Cusino
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high documentities are ecologically and socially significant in their effects as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from sp approved distance from the river centerlines. The Natural Rivers most Natural Rivers. The Vegetative Buffer ranges from 25 to 10 and Vegetative Buffers for each Natural River see the table locat folder.	Zoning District is a 400 foot buffer for 00 feet. To view specific Zoning Districts



Stand	Level 4 C	over Type	s Si	ize De	nsity	Acres	Stand Age E	BA Range	Managed \$	Site	General Comments
1	622	5 - Bog	1	Nonsto	cked	1.7		Inspecified	No		Some scattered white pine, mainly in south. Leatherleaf is abundant with thick tag alder populating the perimeter.
							nopy Species lite Pine	Density Low	Avg. Height	Size Sapling	anox ag algor populating the politicals.
	42210 - Na	tural Red F	Pine Sa	wtimb	er Wel	<u> </u>	65	171-200	N/A		Small natural red pine stand, RP is fairly good quality, variable diameters
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Northern half had a lower stocking of RP and a greater mix of deciduous.
	Red Maple	5	Pole/Log	8			ite Pine	Medium	Variable	Sapling	Entire east boundary features a broad mixture of species (mixing w/Stands 3/4). Stocking of nearly pure RP in south half and west
	Quaking Aspen	2	Pole/Log	9		Re	ed Oak	Medium	Variable	Sapling	boundary near bog. Older relic xlog RP scattered throughout. BTA
	Red Oak	2	Log/Pole	12			d Maple	Medium	>20 feet	Sapling	common until core RP areas, RM sap/pole stump sprouts present (from
	White Pine	2	Log/Pole	12			Beech	Low	5 - 10 feet	Sapling	likely past decid removal), single stem logs too. Some WP near bog and other locations, trace PB.
	Red Pine	74	Log/Pole/XLog	14	65		rry (Juneberry		5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	15	Log/Pole	11			ch Hazel	Low	5 - 10 feet	Tall Shrub	
3		- Aspen		wtimb	er Wel	l 10.2	66	81-110	N/A		Variable aspen stem sizes throughout. Poles mixed w/log and vice versa
3		· ·			Age					Size	Enough logs across all species to call that size dominant yet not fully
	Canopy Species	% Cove		9	Age		nopy Species lite Pine	Density Medium	Avg. Height	_	stocked with sawtimber. Consistent canopy WP/RP component,
	Red Maple	62	Pole/Log	11	66		ch Hazel	Medium	10 - 20 feet 5 - 10 feet	Sapling Tall Shrub	generally picked up 10BA of one or the other during plot swings (2-swings had 10BA of both). Most WP hovering near larger pole or small
	Bigtooth Aspen White Pine	8	Log/Pole Log/Pole	11	00		k Cherry	Low	5 - 10 feet	Sapling	log sizes. RP generally larger, some xlogs. Scattered PB in canopy.
	Red Pine	8	Log/XLog/Pole	14			rry (Juneberry		5 - 10 feet	Tall Shrub	Somewhat consistent sub-can mix of WP, RO and RM.
	Quaking Aspen	8	Log/Pole	10			d Maple	Medium	Variable	Sapling	
	Red Oak	6	Log/Pole	11			ed Oak	Medium	10 - 20 feet	Sapling	
	Paper Birch	2	Pole	9		170	ou Oak	Mediaiii	10 - 20 1661	Sapining	
4	42260 - Natural Pi	ne, Mixed	Deciduous Sa	wtimb	er Wel	l 20.7	67	111-140	N/A		Mixed pine w/areas stronger to deciduous. WP prevalent but more
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	presence in southern areas, radiating out from Horseshoe Lake. Quite a few legacy WP east of lake (some +30"). RP generally scattered but
	Red Maple	16	Pole/Log	8	J .		d Maple	Medium	Variable	Sapling	present in a few prominent clumps in center and north. Aspen healthy,
	Red Oak	6	Log/XLog/Pole			Wh	ite Pine	Medium	10 - 20 feet	Sapling	ranged larger pole to smaller log sizes, more common in north. RM
	Paper Birch	5	Pole/Log	9		Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	common, PB present and scattered RO (usually L/XL). Areas of good sub-can WP regen, RO too. Other areas heavier to RM. Numerous utilit
	Quaking Aspen	3	Log/Pole	12		Re	ed Oak	Medium	Variable	Sapling	corridors present and some variation in stocking/BA density. Areas had
	White Pine	40	Log/Pole/XLog	15	67	Е	Beech	Low	Variable	Sapling	signs of a past deciduous removal.
	Red Pine	20	Log/XLog/Pole	14		Re	ed Pine	Trace	10 - 20 feet	Sapling	
	Bigtooth Aspen	10	Log/Pole	11		Wh	ite Pine	Low	< 5 feet	Seeding	
			-			Servicebe	rry (Juneberry) Medium	5 - 10 feet	Tall Shrub	
						Hazeln	ut (Beaked)	Low	< 5 feet	Tall Shrub	
5	622	5 - Bog		Nonsto	ocked	3.6	U	Inspecified	No		Bog that may be a part of the lake during times of high water. White pine larch and some spruce present within stand area. Some wildlife use throughout. Leatherleaf present in relatively high/uniform coverage. Tag alder on perimeter.
6	500	- Water	1	Nonsto	cked	7.4	L	Inspecified	No		Southern and eastern areas of Horseshoe Lake. Includes shoreline area populated with lowland shrubs and some tree species.



Stanc	and Level 4 Cover Type	s	Size Density		Acres Stand	d Age BA	Range	Managed S	Site	General Comments	
7	4130	- Aspen	;	Sapling	g Well	15.4 2	6	1-50	N/A		Sale closed '93 (Between the Lakes), regenerating well. Left some RO,
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy S	Species	Density	Avg. Height	Size	WP and RP. Red oak poles - xlog are scattered, (MiFI wouldn't allow RC poles to be represented in canopy), regenerating single stem RO saps
	Red Oak	6	Sapling	3		White Pir	ne	Medium	5 - 10 feet	Sapling	not uncommon too. Residual heavier in a few areas (mainly in west),
	Paper Birch	4	Sapling/Pole	3		Red Map	ole	Medium	5 - 10 feet	Sapling	hasn't affected success of regen. Some sub-can 'from a seed source'
	Quaking Aspen	16	Sapling/Pole	4	26	Beech		Low	10 - 20 feet	Sapling	WP hanging out at 5-10ft. In areas, aspen and some of the other deciduous in midst of conversion to reliable pole sizes. Most other areas
	White Pine	4	Log	14	78	Witch Ha	zel	Medium	5 - 10 feet	Tall Shrub	still larger sap sized (3-4+"). Conversion to A6 likely by '30/'32.
	Red Maple	10	Sapling/Pole	3		1		'			
	Black Cherry	4	Sapling	3							
	Red Oak	4	Log/XLog	17							
	Red Pine	2	Log	15							
	Bigtooth Aspen	50	Sapling/Pole	4	26						
8	4199 - Other Mixe	d Upland D	Deciduous S	awtimb	er We	II 14.7 7	8 8	31-110	N/A		Stand is result of leaving a ~250ft visual along lakes during '93 cut. Sou
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy S	Species	Density	Avg. Height	Size	polygon had less canopy closure than majority of north poly (50-75 vs 7 100). BA swings ended up being quite similar between the two (south:
	Red Maple	20	Log/Pole	11		White Pir	ne	Medium	10 - 20 feet	Sapling	120,60,50 north: 140,20,80). Low end of 75-100 canopy closure was
	Red Oak	30	Log/Pole	12	78	Serviceberry (Ju	uneberry)	Medium	5 - 10 feet	Sapling	common. Canopy RO ranged from pole to legacy (some quite likely old
	Paper Birch	5	Pole/Sapling	7		Red Oa	k	High	Variable	Sapling	than 78yrs). Both ends had medium to high RO regen (seedling to 20ft- Decent WP regen too. Most stems looked quite healthy yet some declined to the contract of the contract o
	Quaking Aspen	2	Log	13		Red Pin	е	Low	Variable	Sapling	across aspen stems.
	White Pine	16	Log/Pole	14	78	Red Map	ole	Low	Variable	Sapling	'
	Bigtooth Aspen	24	Log/Pole	15		Bigtooth As	spen	Low	>20 feet	Sapling	
	Red Pine	2	Log	16		Ironwoo	d	Low	< 5 feet	Seeding	
	Beech	1	Log	11		Striped Ma	aple	Low	5 - 10 feet	Sapling	
9	42250 -	Pine, Oak	Sa	awtimb	er Poo	r 10.7 7	8	1-50	N/A		Cut mid-00's, left WP and RO. Residuals acting as a good seed source
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy S	Species	Density	Avg. Height	Size	(saw reliable WP seeds/saps and some RO regen at variable heights), vertical structure and visual for this higher use area. Most aspen regen
	Red Oak	40	Log/Pole/XLog	12		White Pir	ne	Medium	Variable	Sapling	ranged +-2-3". Other deciduous present was slightly smaller (DBH) on
	White Pine	60	Log/Pole/XLog	14	78	White Pir	ne	Medium	< 5 feet	Seeding	average. Regen looks like it's doing just fine. Didn't observe decline in
						Red Pin	е	Trace	5 - 10 feet	Sapling	any of the residual RO or WP, looked quite healthy. My BA swings ranged 0-60, saplings are the dominant canopy in areas.
						Hazelnut (Be	eaked)	Medium	< 5 feet	Tall Shrub	ranged 0-00, sapings are the dominant canopy in areas.
						Witch Ha	zel	Low	5 - 10 feet	Tall Shrub	
						Bigtooth As	spen	Full	>20 feet	Sapling	
						Quaking As	spen	High	>20 feet	Sapling	
						Red Map	ole	Medium	10 - 20 feet	Sapling	
						Red Oa		Low	Variable	Sapling	
10	790 - Other Bare/	Sparsely V	egetated	Nonsto	ocked	0.9	Un	specified			Gas well, Riverside Energy, STATE MAPLE FOREST #A2-5.
11	500	- Water		Nonsto	ocked	10.6	Un	specified	No		Northeast portion of blue gill lake. Day use park/boat launch area locate within Stand 12. Stand includes some intermittent wet/dry shoreline are populated with lowland shrub species as well as a few tree species (sa some paper birch).

rt 7 – Stands Compartment: 213 Year of Entry: 2022

and	d Level 4 Cover Type		Si	Size Density		Acres 3	Stand Age B	tand Age BA Range		Site	General Comments	
12	42290 - Natu	ıral Mixed	Pine Sa	wtimb	er Well	12.3	78	111-140	N/A		Nice mix of WP/RP w/components of deciduous (RO, aspen, RM).	
С	Canopy Species	% Cover	r Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	Extreme south holds a nice pocket of canopy hemlock w/good hemlock regen too. Density and sizes vary upon location. The various corridors	
	Red Maple	5	Pole/Log	9		Whit	te Pine	High	Variable	Sapling	(Blue Gill Lake, Roberts Rd, powerline, gas line, and I-75) that dissect	
Q	Quaking Aspen	2	Pole/Log	8		Hazelnu	it (Beaked)	Low	< 5 feet	Tall Shrub	this stand are all playing a role in the variations. The higher end of 111	
	White Pine	40	Log/Pole/XLog	12	78	Honeysu	ıckle (spp.)	Trace	5 - 10 feet	Tall Shrub	140BA range is a good fit (BA's=230,180,90,110,90,160. 143BA avg). Xlog examples of WP, RP, RO and hemlock generally common (saw	
	Red Pine	36	Log/Pole/XLog	14	64	Iror	nwood	Low	Variable	Sapling	legacy WP/RO). Good WP, RP, RO numbers in sub-canopy. Overall	
	Hemlock	3	Log/XLog/Pole	17		Red	d Oak	Medium	Variable	Sapling	health looked pretty good.	
	Paper Birch	2	Log/Pole	10		Black	Cherry	Low	5 - 10 feet	Sapling		
Bi	Bigtooth Aspen	7	Log/Pole	14		Red	Maple	Low	Variable	Sapling		
	Red Oak	5	Log/Pole/XLog	12		Red	d Pine	Medium	Variable	Sapling		
						Pape	er Birch	Medium	Variable	Sapling		
						Hei	mlock	Low	Variable	Sapling		
						Ве	eech	Low	5 - 10 feet	Sapling		
						Bals	am Fir	Trace	< 5 feet	Seeding		
									_	0 !:		
13	790 - Other Bare/	Sparsely \	/egetated N	Nonsto	ocked	2.2	te Pine Uı	Medium	< 5 feet No	Seeding	around edges. Deep snow when visited. Site likely held oil/gas surface	
							Uı			Seeding	Larger opening (no gas wells present) with some vegetation creeping i around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past.	
14	4139 - Aspen,	Mixed Dec	ciduous S	Sapling	ı Well	2.2	U1	nspecified	No N/A		Larger opening (no gas wells present) with some vegetation creeping i around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few R	
14	4139 - Aspen, I	Mixed Dec	ciduous S r Size Class	Sapling DBH		2.2 37.9 Sub-Can e	Uı 22 opy Species	1-50 Density	No N/A Avg. Height	Size	Larger opening (no gas wells present) with some vegetation creeping i around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few R Aspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO	
14 C	4139 - Aspen, I Canopy Species Red Oak	Mixed Dec	ciduous S r Size Class Sapling/Pole/Log	Sapling DBH	y Well	37.9 Sub-Can	22 opy Species te Pine	1-50 Density Medium	N/A N/A Avg. Height Variable	Size Sapling	Larger opening (no gas wells present) with some vegetation creeping around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few R Aspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Le	
4 C	4139 - Aspen, Canopy Species Red Oak Quaking Aspen	Mixed Dec **Cover 6 14	ciduous S r Size Class Sapling/Pole/Log Sapling/Pole	DBH 4 3	ı Well	37.9 Sub-Can Whit	22 opy Species te Pine eech	1-50 Density Medium Low	N/A Avg. Height Variable 5 - 10 feet	Size Sapling Sapling	Larger opening (no gas wells present) with some vegetation creeping around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few Raspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Le a1/2-1chain buffer along Blue Gill Lake. Buffer greater in northeast ne	
14 C	4139 - Aspen, I Canopy Species Red Oak Quaking Aspen White Pine	Mixed Dec **Cover 6 14 12	ciduous S r Size Class Sapling/Pole/Log Sapling/Pole Log/XLog/Pole	DBH 4 3 14	Well Age	37.9 Sub-Can Whit	22 opy Species te Pine eech nwood	1-50 Density Medium Low Low	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling	Larger opening (no gas wells present) with some vegetation creeping is around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few R Aspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Le a1/2-1chain buffer along Blue Gill Lake. Buffer greater in northeast near PVT (heavy WP component). Some PVT 'influence' from sub-division east. There's a yellow painted, flagging marked walking path that begin	
14 C	4139 - Aspen, I Canopy Species Red Oak Quaking Aspen White Pine Red Pine	Mixed Dec **Cover 6 14 12 3	ciduous S r Size Class Sapling/Pole/Log Sapling/Pole Log/XLog/Pole Log/Pole/XLog	DBH 3 14 14	y Well	37.9 Sub-Can Whit Be Iror	22 opy Species te Pine eech nwood d Pine	1-50 Density Medium Low Low Trace	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling	Larger opening (no gas wells present) with some vegetation creeping around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few R Aspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Le a1/2-1chain buffer along Blue Gill Lake. Buffer greater in northeast ne PVT (heavy WP component). Some PVT 'influence' from sub-division east. There's a yellow painted, flagging marked walking path that begi	
14 C	4139 - Aspen, I Canopy Species Red Oak Quaking Aspen White Pine Red Pine Jack Pine	Mixed Dec **Cover 6	siduous S r Size Class Sapling/Pole/Log Sapling/Pole Log/XLog/Pole Log/Pole/XLog Pole/Log	DBH 3 14 14 14 8	Well Age	37.9 Sub-Can Whit Be Iror Rec Serviceberr	22 opy Species te Pine eech nwood d Pine ry (Juneberry)	1-50 Density Medium Low Low Trace Medium	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 10 - 20 feet >20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	Larger opening (no gas wells present) with some vegetation creeping around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few R Aspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Le a1/2-1chain buffer along Blue Gill Lake. Buffer greater in northeast net PVT (heavy WP component). Some PVT 'influence' from sub-division east. There's a yellow painted, flagging marked walking path that begi where Greenacres Dr. dead ends. Travels west through center of stan	
14 C	4139 - Aspen, I Canopy Species Red Oak Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir	Mixed Dec **Cover 6	ciduous S r Size Class Sapling/Pole/Log Sapling/Pole Log/XLog/Pole Log/Pole/XLog Pole/Log Pole/Log	DBH 3 14 14 8 9	Well Age	37.9 Sub-Can Whit Be Iror Rec Serviceberr	22 opy Species te Pine eech nwood d Pine	1-50 Density Medium Low Low Trace	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling	Larger opening (no gas wells present) with some vegetation creeping around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few Raspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Left a1/2-1chain buffer along Blue Gill Lake. Buffer greater in northeast ne PVT (heavy WP component). Some PVT 'influence' from sub-division east. There's a yellow painted, flagging marked walking path that beging where Greenacres Dr. dead ends. Travels west through center of standard residuals.	
14 C	4139 - Aspen, Canopy Species Red Oak Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir Hemlock	Mixed Dec **Cover 6 14 12 3 2 1 1	ciduous S r Size Class Sapling/Pole/Log Sapling/Pole Log/XLog/Pole Log/Pole/XLog Pole/Log Pole/Log Log/Pole	DBH 4 3 14 14 8 9 12	Well Age	37.9 Sub-Can Whit Be Iror Rec Serviceberr	22 opy Species te Pine eech nwood d Pine ry (Juneberry)	1-50 Density Medium Low Low Trace Medium	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 10 - 20 feet >20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	Larger opening (no gas wells present) with some vegetation creeping around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few Raspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Left a1/2-1chain buffer along Blue Gill Lake. Buffer greater in northeast ne PVT (heavy WP component). Some PVT 'influence' from sub-division east. There's a yellow painted, flagging marked walking path that beging where Greenacres Dr. dead ends. Travels west through center of standard residuals.	
14 C	4139 - Aspen, I Canopy Species Red Oak Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir Hemlock Red Maple	Mixed Dec **Cover 6 14 12 3 2 1 1 10	siduous S r Size Class Sapling/Pole/Log Sapling/Pole Log/XLog/Pole Log/Pole/Log Pole/Log Pole/Log Log/Pole Sapling/Pole/Log	DBH 4 3 14 14 8 9 12 3	Well Age	37.9 Sub-Can Whit Be Iror Rec Serviceberr	22 opy Species te Pine eech nwood d Pine ry (Juneberry)	1-50 Density Medium Low Low Trace Medium	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 10 - 20 feet >20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	Larger opening (no gas wells present) with some vegetation creeping around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few R Aspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Le a1/2-1chain buffer along Blue Gill Lake. Buffer greater in northeast net PVT (heavy WP component). Some PVT 'influence' from sub-division east. There's a yellow painted, flagging marked walking path that begi where Greenacres Dr. dead ends. Travels west through center of stan	
Q1	4139 - Aspen, I Canopy Species Red Oak Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir Hemlock Red Maple Black Cherry	Mixed Dec % Cover 6 14 12 3 2 1 1 10 8	ciduous S r Size Class Sapling/Pole/Log Sapling/Pole Log/XLog/Pole Log/Pole/XLog Pole/Log Pole/Log Log/Pole Sapling/Pole/Log Sapling	DBH 3 14 14 8 9 12 3 2	Well Age	37.9 Sub-Can Whit Be Iror Rec Serviceberr	22 opy Species te Pine eech nwood d Pine ry (Juneberry)	1-50 Density Medium Low Low Trace Medium	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 10 - 20 feet >20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	Larger opening (no gas wells present) with some vegetation creeping around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few Raspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Left a1/2-1chain buffer along Blue Gill Lake. Buffer greater in northeast ne PVT (heavy WP component). Some PVT 'influence' from sub-division east. There's a yellow painted, flagging marked walking path that beging where Greenacres Dr. dead ends. Travels west through center of standard residuals.	
Q(4139 - Aspen, I Canopy Species Red Oak Quaking Aspen White Pine Red Pine Jack Pine Balsam Fir Hemlock Red Maple	Mixed Dec **Cover 6 14 12 3 2 1 1 10	siduous S r Size Class Sapling/Pole/Log Sapling/Pole Log/XLog/Pole Log/Pole/Log Pole/Log Pole/Log Log/Pole Sapling/Pole/Log	DBH 4 3 14 14 8 9 12 3	Well Age	37.9 Sub-Can Whit Be Iror Rec Serviceberr	22 opy Species te Pine eech nwood d Pine ry (Juneberry)	1-50 Density Medium Low Low Trace Medium	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 10 - 20 feet >20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	Larger opening (no gas wells present) with some vegetation creeping i around edges. Deep snow when visited. Site likely held oil/gas surface equipment in the past. Harvested '98 (Isolated Aspen) out of YOE. Left pine, oak and a few R Aspen/some other deciduous regen doing well, most stems 3-4". Area of heavier residual, almost always WP (some Legacy). Not many RO residuals. WP saps more numerous where seed source is present. Le a1/2-1chain buffer along Blue Gill Lake. Buffer greater in northeast near PVT (heavy WP component). Some PVT 'influence' from sub-division east. There's a yellow painted, flagging marked walking path that begin where Greenacres Dr. dead ends. Travels west through center of standard residuals.	



Stand	nd Level 4 Cover Type Size		Size Density		Acres	Stand Age B	A Range	Managed S	Site	General Comments		
16	4130	- Aspen	Pol	Poletimber Well		210.3				E DRAFT NOTES regarding '32YOE management strategy for this		
	Canopy Species	% Cover	Size Class	DBH Age		Sub-Canopy Species		Density	Avg. Height Size		stand. Discussed during pre-review on 6/18/20. HISTORY: ~North of Stand 15 (X0) had an aspen removal in '72 (~68ac	
	Red Maple	8	Pole/Sapling	7		Re	ed Oak	Low	>20 feet	Sapling	In '73 the residual was clearcut (except some pine, cut stems left as	
	Red Oak				White Pine		Low	Variable	Sapling	food/habitat). ~South of Stand 15 was clearcut (~109ac) in '82. There		
	Quaking Aspen	12	Pole/Sap/Log	7	47	Re	d Maple	High	>20 feet	Sapling	was a younger horseshoe shaped area of A3 that was left in the center of the '82 cut. Found numerous TCR's from the 60's-70's for small/some	
	White Pine	6	Log/Pole/XLog	13	65	Е	Beech	Low	5 - 10 feet	Sapling	larger sales, appears some were cut/some weren't.	
	Red Pine	2	Log/Pole	11		Sug	ar Maple	Low	>20 feet	Sapling	VARIABLE stem ages. Southern 1/4-1/3 tended to hold the smaller	
	Bigtooth Aspen	60	Pole/Sap/Log	7	37	Blac	k Cherry	Low	Variable	Sapling	DBH/less merch aspen (S/P, P/S). Still held pockets of merch. Average DBH (and merchantability) tended to increase (or hold steady) throughout	
	Paper Birch	3	Pole/Sapling	6		Servicebe	rry (Juneberry)	Low	10 - 20 feet	Sapling	remainder of stand. Some aspen stems converted to small log sizes.	
	Beech	1	Log/Pole	11		Е	Beech	Low	< 5 feet	Seeding	BTA dominant, QA a common companion. NE holds a small area	
						Re	ed Oak	Low	< 5 feet	Seeding	stronger to NHWD species. WP component heaviest/radiates out from/around gas well Stand 15 (legacy WP observed). More WP saps	
					Ī	Wite	ch Hazel	High	5 - 10 feet	Tall Shrub	present there. WP much less prevalent/more scattered outside that area	
											limited (most in what I believe was the A3 horseshoe area in middle of '82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen	
17	3102	- Grass	N	Vonsto	ocked	0.4	Uı	nspecified	No		'82 cut). Most WP was older too (65+yrs). Residual WP/RO from	
17		- Grass - Aspen			ocked er Well		Uı 58	nspecified 51-80	No N/A		'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline	
			Pol	letimb		1.6				Size	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size	
	4130	- Aspen	Pol	letimb	er Well	1.6 Sub-Car	58	51-80	N/A	Size Sapling	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrrow I-75 ROW strip which is excluded (and	
18	4130 Canopy Species	- Aspen	Pol Size Class	letimb DBF	er Well	1.6 Sub-Ca i	58 nopy Species	51-80 Density	N/A Avg. Height		'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrrow I-75 ROW strip which is excluded (and now deleted) from this stand by the I-75 ROW fence. Remainder of stan	
18	4130 Canopy Species Red Maple	- Aspen % Cover 10	Pol Size Class Log/Pole	DBH 11	er Well	1.6 Sub-Car	58 nopy Species Beech	51-80 Density Low	N/A Avg. Height Variable	Sapling	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrrow I-75 ROW strip which is excluded (and now deleted) from this stand by the I-75 ROW fence. Remainder of stan was running ~50-80BA. Some decent hemlock and red oak regen, some	
18	4130 Canopy Species Red Maple Quaking Aspen	- Aspen % Cover 10 5	Pole/Log	DBH 11	er Well	1.6 Sub-Car E Wh	58 nopy Species Beech nite Pine	51-80 Density Low Medium	N/A Avg. Height Variable Variable	Sapling Sapling	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrow I-75 ROW strip which is excluded (and now deleted) from this stand by the I-75 ROW fence. Remainder of standard regen some	
18	4130 Canopy Species Red Maple Quaking Aspen White Pine	- Aspen **Cover 10 5 6	Pole/Log Log/Pole	DBH 11 9 11	er Well	1.6 Sub-Car E Wh Witt	58 nopy Species Beech site Pine ch Hazel	51-80 Density Low Medium Medium	N/A Avg. Height Variable Variable 5 - 10 feet	Sapling Sapling Tall Shrub	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrrow I-75 ROW strip which is excluded (and now deleted) from this stand by the I-75 ROW fence. Remainder of stan was running ~50-80BA. Some decent hemlock and red oak regen, some	
18	Canopy Species Red Maple Quaking Aspen White Pine Hemlock	- Aspen **Cover 10 5 6 6	Pole/Log Log/Pole Log/Pole/Log	DBH 11 9 11 14	er Well Age 65	1.6 Sub-Car E Wh Wite	58 nopy Species Beech nite Pine ch Hazel oth Aspen	51-80 Density Low Medium Medium Low	N/A Avg. Height Variable Variable 5 - 10 feet Variable	Sapling Sapling Tall Shrub Sapling	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrrow I-75 ROW strip which is excluded (and now deleted) from this stand by the I-75 ROW fence. Remainder of stan was running ~50-80BA. Some decent hemlock and red oak regen, some	
18	Canopy Species Red Maple Quaking Aspen White Pine Hemlock Bigtooth Aspen	- Aspen % Cover 10 5 6 6 65	Pole Class Log/Pole Pole/Log Log/Pole Log/Pole/XLog Log/Pole	DBH 11 9 11 14 11	er Well Age 65	1.6 Sub-Car E Wh Witt Bigtor He Sug	58 nopy Species Beech hite Pine ch Hazel oth Aspen emlock	51-80 Density Low Medium Medium Low Medium Medium	N/A Avg. Height Variable Variable 5 - 10 feet Variable 10 - 20 feet	Sapling Sapling Tall Shrub Sapling Sapling	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrrow I-75 ROW strip which is excluded (and now deleted) from this stand by the I-75 ROW fence. Remainder of stan was running ~50-80BA. Some decent hemlock and red oak regen, some	
18	Canopy Species Red Maple Quaking Aspen White Pine Hemlock Bigtooth Aspen Beech	- Aspen **Cover* 10 5 6 6 65 2	Pole/Log Log/Pole Log/Pole/XLog Log/Pole Log/Pole Log/Pole Log/Pole	DBH 11 9 11 14 11 11	er Well Age 65	1.6 Sub-Car E Wh Witt Bigtor He Sug	58 nopy Species Beech hite Pine ch Hazel oth Aspen emlock ar Maple	51-80 Density Low Medium Medium Low Medium Low	N/A Avg. Height Variable Variable 5 - 10 feet Variable 10 - 20 feet 10 - 20 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrrow I-75 ROW strip which is excluded (and now deleted) from this stand by the I-75 ROW fence. Remainder of stan was running ~50-80BA. Some decent hemlock and red oak regen, some	
18	Canopy Species Red Maple Quaking Aspen White Pine Hemlock Bigtooth Aspen Beech Red Oak	- Aspen **Cover* 10 5 6 6 65 2 4	Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log	DBH 11 9 11 14 11 11 7	er Well Age 65	1.6 Sub-Cai E Wh Witt Bigtor He Sug Iro	58 nopy Species Beech hite Pine ch Hazel oth Aspen emlock ar Maple onwood	51-80 Density Low Medium Medium Low Medium Low Low Low	N/A Avg. Height Variable Variable 5 - 10 feet Variable 10 - 20 feet 10 - 20 feet Variable	Sapling Sapling Tall Shrub Sapling Sapling Sapling Sapling Sapling	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrrow I-75 ROW strip which is excluded (and now deleted) from this stand by the I-75 ROW fence. Remainder of stan was running ~50-80BA. Some decent hemlock and red oak regen, some	
18	Canopy Species Red Maple Quaking Aspen White Pine Hemlock Bigtooth Aspen Beech Red Oak	- Aspen **Cover* 10 5 6 6 65 2 4	Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log	DBH 11 9 11 14 11 11 7	er Well Age 65	1.6 Sub-Car E Wh Wite Bigtor He Sug Irc Re Bal	58 Rech Seech Site Pine Ch Hazel Oth Aspen Semlock Sar Maple Showood Sed Oak	51-80 Density Low Medium Medium Low Medium Low Medium Low Medium Medium	N/A Avg. Height Variable Variable 5 - 10 feet Variable 10 - 20 feet Variable >20 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling	'82 cut). Most WP was older too (65+yrs). Residual WP/RO from previous cuts did not impede regen Small grassy opening in low spot near I-75. Sapling WP/JP on perimete some canopy sized stems too. Influence of I-75 corridor, underground gas pipeline corridor, powerline corridor and Roberts Rd has created some differing ages and size structure(s). My eyes saw a 50/50 mix of poles and logs. BA's (and DBH's) higher within the narrrow I-75 ROW strip which is excluded (and now deleted) from this stand by the I-75 ROW fence. Remainder of stan was running ~50-80BA. Some decent hemlock and red oak regen, some	



Stand	nd Level 4 Cover Type Size Dens		nsity	Acres Stand Age B	A Range	Managed Site		General Comments		
19	42120 - Plar			letimber			51-80	N/A	0:	Apparently planted. Quite a few JP standing dead or 'snapped' in many areas, especially in center of stand. This causing variable canopy
	Canopy Species		Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	closure, ranges on either side of 50-75 for most part. Living JP DBH's stil
	Bigtooth Aspen	3	Log	12	50	Black Cherry	Low	Variable	Sapling	running quite small, limited merch. Good WP regen, 5-10ft in N1/2 and 10-20ft in S1/2. Variety of other tree and shrub species in sub-canopy
	Jack Pine	85	Pole	7	50	Jack Pine	Low	5 - 10 feet	Sapling	too. Extreme NW was split/merged into Stand 16. It held/holds a small
	Quaking Aspen	3	Pole	8		White Pine	High	5 - 10 feet	Sapling	slug of natural WP w/scat RM, RO, some BTA and RP (large charred
	Red Pine	2	Log/Pole	14		Ironwood	Medium	Variable	Sapling	stumps in this slug too).
	White Pine	5	Log/Pole	12		Sugar Maple	Low	Variable	Sapling	
	Red Oak	1	Log	13		Red Maple	Medium	Variable	Sapling	
	Red Maple	1	Pole/Log	9		Beech	Low	Variable	Sapling	
						Balsam Fir	Low	10 - 20 feet	Sapling	
						Red Oak	Low	Variable	Sapling	
						Quaking Aspen	Low	10 - 20 feet	Sapling	
						Witch Hazel	Low	5 - 10 feet	Tall Shrub	
					L	Honeysuckle (spp.)	Trace	< 5 feet	Tall Shrub	
20	4119 - Mixed No	rthern Hard	dwoods S	Sawtimb		2.2 80	81-110	N/A		Stand resides on steeper north facing slope, was excluded when Stand 24 was cut. Some aspen/mixed NHWD saps mixing in on south and wes
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	boundary. Far west not as steep, Stand 24 harvest extended into this
	Sugar Maple	10	Log/Pole	11		Beech	High	5 - 10 feet	Sapling	area a little bit (2-aged there). Residual RM, WP, some BTA in west.
	Red Maple	50	Log/Pole	11	80	Witch Hazel	Low	5 - 10 feet	Tall Shrub	Canopy WP somewhat lines the northern/western boundary.
	Beech	10	Log/Pole	12		Sugar Maple	Low	>20 feet	Sapling	
	Red Oak	2	XLog/Log	19		Bigtooth Aspen	Low	>20 feet	Sapling	
	Bigtooth Aspen	15	Log	15		Red Maple	Low	>20 feet	Sapling	
	Ironwood	3	Pole/Sapling	7		White Pine	Low	Variable	Sapling	
	White Pine	4	Log/Pole	14		Balsam Fir	Trace	Variable	Sapling	
	Paper Birch	5	Pole/Log	9		Paper Birch	Trace	>20 feet	Sapling	
	Jack Pine	1	Pole	7		Ironwood	Medium	Variable	Sapling	
21	790 - Other Bare/	Sparsely V	egetated	Nonsto	cked	1.2 U	nspecified			Gas well, Riverside Energy, STATE MAPLE FOREST #B3-5.
22	790 - Other Bare/	Sparsely V	egetated	Nonsto	cked	1.1 U	nspecified			Gas well, Riverside Energy, STATE MAPLE FOREST #A4-5.
23	4130	- Aspen		Sapling	Well	165.5 6 I	mmature	N/A		Barnes: Stand was harvested in winter of 2014/15 under 72-005-12-01
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Dumpy Aspen. Site has regenerated nicely.JSP in '20: Concur w/Tom's regen comment. Did not see all of the stand. Some lighter
	Red Maple	15	Sapling	1		Beech	Medium	< 5 feet	Seeding	stocked/patchy areas. Some areas heavier to beech seed and sap sized
	Red Oak	4	Sapling	1		Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub	regen. A few scattered/non-merch 'skip/uncut' trees. Usually WP, believe
	Bigtooth Aspen	45	Sapling	1	6	Witch Hazel	Medium	5 - 10 feet	Tall Shrub	a few hemlock and a handful of deciduous (RM). Feel comfortable saying this stand passes its regen check.
	Black Cherry	4	Sapling	1			1		1	tino stana passes ito regen check.
	Paper Birch	3	Sapling	1						
	Beech	7	Sapling	1						
	Quaking Aspen	22	Sapling	1						



Stan	Level 4 Cover Type			Size Density		Acres	Acres Stand Age BA		Managed Site		General Comments		
24	4130	- Aspen	5	Saplin	g Well	52.3		mmature	N/A		Majority of interior aspen stems running 2-3", stems on an edge not muc		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	larger. RM/BC 1-2". Very minimal number of residuals left (log WP/RO) until you reach the far western area near I-75. More residual RM, JP,		
	Black Cherry	4	Sapling	2		Е	Beech	Low	5 - 10 feet	Sapling	WP, BTA, and other species near 75, hasn't affected sapling success		
	Red Maple	10	Sapling	2		Servicebe	erry (Juneberry)	Low	10 - 20 feet	Sapling	there. Small inclusion of grassy opening w/saplings in west too.		
	Red Oak	2	Sapling	2		Wite	ch Hazel	Medium	5 - 10 feet	Tall Shrub	Noticeable lack of drumming logs/horizontal structure (not sure drum log were standard Rx spec when cut). Did watch a grouse pop-out from		
	Quaking Aspen	20	Sapling	3	20						under a log RO that had blown down.		
	White Pine	3	Log/Pole	14							•		
	Red Oak	2	Log/XLog	17									
	Hemlock	1	Pole	8									
	Red Maple	2	Log	11									
	Jack Pine	1	Pole/Log	8									
	Bigtooth Aspen	55	Sapling	3	20								
25	790 - Other Bare/	Sparsely V	egetated I	Nonst	ocked	0.9	U	nspecified			Gas well, Riverside Energy, STATE MAPLE FOREST #D3-5.		
	4120	Aspan		Conlin	~ \\/ o.ll	22.6	20	1.50	NI/A		Sola placed 102 (Leadfill Acces). Majority of interior concentration or interior		
26		- Aspen			g Well	22.6	28	1-50	N/A		Sale closed '92 (Landfill Aspen). Majority of interior aspen stems are jus shy of 5", some interior stems did measure 5-6". Corridor along E/W		
26	Canopy Species	% Cover	Size Class	DBH	g Well	Sub-Car	nopy Species	Density	Avg. Height	Size	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to		
26	Canopy Species Red Maple	% Cover	Size Class Sapling	DB H	H Age	Sub-Car Rec	nopy Species d Maple	Density Medium	Avg. Height < 5 feet	Seeding	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in		
26	Canopy Species Red Maple Bigtooth Aspen	% Cover 12 65	Size Class Sapling Sapling/Pole	3 4		Sub-Car Rei Wh	nopy Species d Maple nite Pine	Density Medium Trace	Avg. Height < 5 feet 5 - 10 feet	Seeding Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to		
26	Canopy Species Red Maple Bigtooth Aspen White Pine	% Cover 12 65 2	Size Class Sapling Sapling/Pole Log/XLog	3 4 14	H Age	Sub-Car Re- Wh	nopy Species d Maple nite Pine d Maple	Density Medium Trace Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet	Seeding Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to		
26	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry	% Cover 12 65 2 6	Size Class Sapling Sapling/Pole Log/XLog Sapling	3 4 14 3	28	Sub-Car Re- Wh	nopy Species d Maple nite Pine	Density Medium Trace	Avg. Height < 5 feet 5 - 10 feet	Seeding Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to		
26	Canopy Species Red Maple Bigtooth Aspen White Pine	% Cover 12 65 2	Size Class Sapling Sapling/Pole Log/XLog	3 4 14	H Age	Sub-Car Re- Wh	nopy Species d Maple nite Pine d Maple	Density Medium Trace Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet	Seeding Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to		
26	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen	% Cover 12 65 2 6	Size Class Sapling Sapling/Pole Log/XLog Sapling Sapling/Pole	3 4 14 3 4	28	Sub-Car Rec Wh Rec	nopy Species d Maple nite Pine d Maple	Density Medium Trace Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet	Seeding Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen	% Cover 12 65 2 6 15	Size Class Sapling Sapling/Pole Log/XLog Sapling Sapling/Pole Pole	DBH 3 4 14 3 4	28 28	Sub-Cai Rei Wh Rei E	nopy Species d Maple nite Pine d Maple Beech	Density Medium Trace Medium Trace	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Seeding Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas w/more log sizes. Canopy open enough to allow a medium to high QA		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen	% Cover	Size Class Sapling Sapling/Pole Log/XLog Sapling Sapling/Pole Pole	DBH 3 4 14 3 4	28 28 r Mediu	Sub-Car Rec Wh Rec E	nopy Species d Maple nite Pine d Maple Beech	Density Medium Trace Medium Trace Medium Trace	Avg. Height	Seeding Sapling Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen 4130	% Cover	Size Class Sapling Sapling/Pole Log/XLog Sapling Sapling/Pole Pole Size Class	3 4 14 3 4 etimbe DBH	28 28 r Mediu	Sub-Car Rec Wh Rec E um 45.2 Sub-Car	nopy Species d Maple hite Pine d Maple Beech 54 nopy Species	Density Medium Trace Medium Trace Medium Trace Density	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	Seeding Sapling Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas w/more log sizes. Canopy open enough to allow a medium to high QA sap layer. Southern areas of stand offer a can-closure closer to 75-100% Stand has appearance of suffering from some kind of event? Perhaps burned over extra hard (large/charred stumps prevelant) or grazed in the		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen 4130 Canopy Species Quaking Aspen	% Cover	Size Class Sapling Sapling/Pole Log/XLog Sapling Sapling/Pole Pole Size Class Pole/Log	3 4 14 3 4 etimbe DBH	28 28 r Mediu	Sub-Car Rec Wh Rec E um 45.2 Sub-Car Wh	nopy Species d Maple hite Pine d Maple Beech 54 hopy Species hite Pine	Density Medium Trace Medium Trace Medium Trace 51-80 Density Low	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable	Seeding Sapling Sapling Sapling Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas w/more log sizes. Canopy open enough to allow a medium to high QA sap layer. Southern areas of stand offer a can-closure closer to 75-100% Stand has appearance of suffering from some kind of event? Perhaps burned over extra hard (large/charred stumps prevelant) or grazed in the past. QA appears offsite, almost all poor quality w/defect and small DBH		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen 4130 Canopy Species Quaking Aspen White Pine	% Cover 12 65 2 6 15 - Aspen % Cover 81 5	Size Class Sapling Sapling/Pole Log/XLog Sapling Sapling/Pole Pole Size Class Pole/Log Log/XLog/Pole	3 4 14 3 4 etimbe DBH 9 14	28 28 r Mediu	Sub-Car Rec Wh Rec E um 45.2 Sub-Car Wh Rec Quak	nopy Species d Maple hite Pine d Maple Beech 54 nopy Species hite Pine d Maple	Density Medium Trace Medium Trace Medium Trace 51-80 Density Low Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable Variable	Seeding Sapling Sapling Sapling Sapling Size Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas w/more log sizes. Canopy open enough to allow a medium to high QA sap layer. Southern areas of stand offer a can-closure closer to 75-100% Stand has appearance of suffering from some kind of event? Perhaps burned over extra hard (large/charred stumps prevelant) or grazed in the past. QA appears offsite, almost all poor quality w/defect and small DBI-given age. Quite a few QA stems hovering just short of 10". Scattered		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen 4130 Canopy Species Quaking Aspen White Pine Bigtooth Aspen	% Cover 12 65 2 6 15 - Aspen % Cover 81 5 10	Size Class Sapling Sapling/Pole Log/XLog Sapling/Pole Pole Size Class Pole/Log Log/XLog/Pole Log/Pole	DBH 3 4 14 3 4 ettimbe DBH 9 14 12	28 28 r Mediu	Recommendation Sub-Care Sub-Care Who Recommendation Sub-Care Who Recommendation Recommendation Sub-Care Sub-Car	nopy Species d Maple hite Pine d Maple Beech 54 nopy Species hite Pine d Maple sing Aspen	Density Medium Trace Medium Trace 51-80 Density Low Medium High	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable Variable 10 - 20 feet	Seeding Sapling Sapling Sapling Size Sapling Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas w/more log sizes. Canopy open enough to allow a medium to high QA sap layer. Southern areas of stand offer a can-closure closer to 75-100% Stand has appearance of suffering from some kind of event? Perhaps burned over extra hard (large/charred stumps prevelant) or grazed in the past. QA appears offsite, almost all poor quality w/defect and small DBI-given age. Quite a few QA stems hovering just short of 10". Scattered		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen 4130 Canopy Species Quaking Aspen White Pine Bigtooth Aspen Red Maple	% Cover 12 65 2 6 15 - Aspen % Cover 81 5 10 1	Size Class Sapling Sapling/Pole Log/XLog Sapling Sapling/Pole Pole Size Class Pole/Log Log/XLog/Pole Log/Pole	DBH 3 4 14 3 4 etimbe DBH 9 14 12 12	28 28 r Mediu	Sub-Car Rec Wh Rec E Sub-Car Wh Rec Quak Bigtor Blace	nopy Species d Maple hite Pine d Maple Beech 54 nopy Species hite Pine d Maple sing Aspen oth Aspen	Density Medium Trace Medium Trace 51-80 Density Low Medium High Low	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable Variable 10 - 20 feet 10 - 20 feet	Seeding Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas w/more log sizes. Canopy open enough to allow a medium to high QA sap layer. Southern areas of stand offer a can-closure closer to 75-1009. Stand has appearance of suffering from some kind of event? Perhaps burned over extra hard (large/charred stumps prevelant) or grazed in the past. QA appears offsite, almost all poor quality w/defect and small DBI-given age. Quite a few QA stems hovering just short of 10". Scattered L/XL WP present, most as singles, some rarely in clumps of two. Saw 2		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen 4130 Canopy Species Quaking Aspen White Pine Bigtooth Aspen Red Maple Paper Birch	% Cover	Size Class Sapling Sapling/Pole Log/XLog Sapling Sapling/Pole Pole Size Class Pole/Log Log/XLog/Pole Log/Pole Log Pole	DBH 3 4 14 3 4 etimbee DBH 9 14 12 12 7	28 28 r Mediu	Sub-Car Rec Wh Rec E Sub-Car Wh Rec Quak Bigtor Blac Bal	nopy Species d Maple hite Pine d Maple Beech 54 nopy Species hite Pine d Maple sing Aspen oth Aspen ck Cherry	Density Medium Trace Medium Trace 51-80 Density Low Medium High Low High	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable Variable 10 - 20 feet 10 - 20 feet Variable	Seeding Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas w/more log sizes. Canopy open enough to allow a medium to high QA sap layer. Southern areas of stand offer a can-closure closer to 75-1009 Stand has appearance of suffering from some kind of event? Perhaps burned over extra hard (large/charred stumps prevelant) or grazed in the past. QA appears offsite, almost all poor quality w/defect and small DBI-given age. Quite a few QA stems hovering just short of 10". Scattered L/XL WP present, most as singles, some rarely in clumps of two. Saw 2		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen 4130 Canopy Species Quaking Aspen White Pine Bigtooth Aspen Red Maple Paper Birch Jack Pine	% Cover	Size Class Sapling Sapling/Pole Log/XLog Sapling/Pole Pole Size Class Pole/Log Log/XLog/Pole Log/Pole Log Pole Pole	DBH 3 4 14 3 4 ettimbe DBH 9 14 12 7 9	28 28 r Mediu	Sub-Car Rec Wh Rec Im 45.2 Sub-Car Wh Rec Quak Bigtor Blac Black/Rec	nopy Species d Maple hite Pine d Maple Beech 54 nopy Species hite Pine d Maple king Aspen oth Aspen oth Cherry Isam Fir	Density Medium Trace Medium Trace 51-80 Density Low Medium High Low High Trace	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable Variable 10 - 20 feet Variable 10 - 20 feet Variable 10 - 20 feet	Seeding Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas w/more log sizes. Canopy open enough to allow a medium to high QA sap layer. Southern areas of stand offer a can-closure closer to 75-1009. Stand has appearance of suffering from some kind of event? Perhaps burned over extra hard (large/charred stumps prevelant) or grazed in the past. QA appears offsite, almost all poor quality w/defect and small DBH given age. Quite a few QA stems hovering just short of 10". Scattered L/XL WP present, most as singles, some rarely in clumps of two. Saw 2 RP (log/xlog), 1-BF (log), 1-WS (log).		
	Canopy Species Red Maple Bigtooth Aspen White Pine Black Cherry Quaking Aspen 4130 Canopy Species Quaking Aspen White Pine Bigtooth Aspen Red Maple Paper Birch Jack Pine	% Cover	Size Class Sapling Sapling/Pole Log/XLog Sapling/Pole Pole Size Class Pole/Log Log/XLog/Pole Log/Pole Log Pole Pole	DBH 3 4 14 3 4 ettimbe DBH 9 14 12 7 9	28 28 r Mediu	Sub-Car Rec Wh Rec Sub-Car Wh Rec Quak Bigtor Blacc Bal Black/Rec Hawth	nopy Species d Maple hite Pine d Maple Beech 54 nopy Species hite Pine d Maple sing Aspen oth Aspen oth Aspen ok Cherry Isam Fir d (Hybrid) Oak	Density Medium Trace Medium Trace 51-80 Density Low Medium High Low High Trace Trace	Avg. Height	Seeding Sapling Sapling Sapling Size Sapling	shy of 5", some interior stems did measure 5-6". Corridor along E/W forest rd and landfill fence line holds pockets that have converted to reliable pole sizes. BTA dominant, QA clones present too (mainly in south). A few residual WP left during harvest. Expect aspen to convert to a more uniform pole stand by '30 inventory season. Generally lower stocked (40BA avg)/poor quality QA stand. Some areas w/more log sizes. Canopy open enough to allow a medium to high QA sap layer. Southern areas of stand offer a can-closure closer to 75-1009. Stand has appearance of suffering from some kind of event? Perhaps burned over extra hard (large/charred stumps prevelant) or grazed in the past. QA appears offsite, almost all poor quality w/defect and small DBI-given age. Quite a few QA stems hovering just short of 10". Scattered L/XL WP present, most as singles, some rarely in clumps of two. Saw 2 RP (log/xlog), 1-BF (log), 1-WS (log).		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	e BA Range	Managed Site	General Comments
28	42110 - Planted Red Pine	Sawtimber Well	32.6	53	141-170	N/A	Planted in '69, row thin completed '04 (Refuse Re

20					
	Canopy Species	% Cover	Size Class	DBH	Age
	Red Pine	92	Log/Pole	11	53
	Quaking Aspen	4	Log/Pole	11	
	Red Maple	3	Log/Pole	11	
	Bigtooth Aspen	1	Log	16	
	Bigtooth Aspen	1	Log	16	

42110 - Planted Red Pine

30

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	5 - 10 feet	Sapling
Beech	Medium	10 - 20 feet	Sapling
Red Maple	High	Variable	Sapling
Quaking Aspen	Low	10 - 20 feet	Sapling
Ironwood	Low	Variable	Sapling
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Black Cherry	Medium	Variable	Sapling
White Oak	Trace	5 - 10 feet	Sapling
Hazelnut (Beaked)	Medium	5 - 10 feet	Tall Shrub

171-200

N/A

Planted in '69, row thin completed '04 (Refuse Red Pine). Overall decent/better quality self-pruned RP. Usual defect present (doubles, forks, crook, sweep, and likely porky/weevil damage from the past) but not excessive. Sap layer is guite excessive in areas (SW, SE, North) then null in spots (center and western locals). A somewhat failed area in the SE, has a mix of canopy RP, QA and RM (RP BA's ran ~70sqft there). Area just south of center was a bit 'stubby', likely result of past porky/weevil. Average BA of 170 for all species (9-swings, 110 low/250 high), just below 'meets criteria'. Most commonly swung 150-170BA (+-) for RP stems.

29	4130	- Aspen	Po	oletimb	er Well	38.1	36	81-110	N/A	
	Canopy Species	Size Class DBH Age			Sub-Can	opy Species	Density	Avg. Height	Size	
	Sugar Maple	7	Pole/Sap/Log	6		Suga	ır Maple	High	>20 feet	Sapling
	Red Maple	6	Pole/Sap/Log	7		Iror	nwood	Medium	Variable	Sapling
	Paper Birch	3	Pole/Log/Sap	7		В	eech	Low	5 - 10 feet	Sapling
	Bigtooth Aspen	50	Pole/Sap/Log	8	36	Red	Maple	Medium	>20 feet	Sapling
	Black Cherry	4	Sapling/Pole	3		Serviceber	ry (Juneberry) Trace	>20 feet	Sapling
	Quaking Aspen	25	Pole/Sap/Log	7		Whi	te Pine	Low	Variable	Sapling
	White Pine	3	Log/Pole	13		Yello	w Birch	Trace	>20 feet	Sapling
	Red Pine	2	Log	16		Suga	ır Maple	Medium	< 5 feet	Seeding
						В	eech	Low	< 5 feet	Seeding
						Iror	nwood	Medium	< 5 feet	Seeding

7.5

53

Sale closed '84 (Block 248 cut). Impressive growth given age. Consistent pole sized aspen w/some stems converted to small log. Extreme SE area appears to of been left uncut (larger DBH's). West 1/2 w/seemingly more QA, east w/more BTA. VERY ENCOURAGING amount of HM regen, both off the stump 20ft+ and another layer 5-10ft of single stems perhaps from soil seed bank. Variety of other desirable (non-aspen) regen present too. Minimal IW/BE regen. Trace canopy BE/RO. Extreme south holds small pine component.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	92	Log/Pole	12	53	Sugar Maple	High	10 - 20 feet	Sapling
Sugar Maple	6	Log/Pole	12		Beech	Medium	10 - 20 feet	Sapling
Beech	1	Log	11		Ironwood	Medium	10 - 20 feet	Sapling
Quaking Aspen	1	Log	12		Red Maple	Medium	10 - 20 feet	Sapling
					Sugar Maple	High	< 5 feet	Seeding
					Witch Hazel	Low	5 - 10 feet	Tall Shru
					Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrul

Sawtimber Well

Planted in '69, 3rd row thin completed '04 (Refuse Red Pine). Similar to R9 Stand 28, most stems pretty nice with the usual doubles, forks, 'knuckles', etc. DBH's a bit larger overall and RP seemed taller on average (than Std.28). BA swings in polygon north of Hartwick Rd were a bit higher (narrrower, not as much HM competition in canopy). Southern poly had a bit more canopy 'intrusion' from mult-stem sugar maple. Average BA for RP was 160. BA average including all species was 174 (110 lowest, 240 high). A lot of HM regen, BE regen was 'high' in areas.



Stand	Level 4 C	over Type	S	ize De	ensity	Acres Stand Age BA Range Managed Site		Site	General Comments						
31	4130	- Aspen	(Sapling	g Well	22.5	22.5 20 lı		mmature N/A		Aspen regenerating pretty good. Some lighter stocked/patchy areas				
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species		Density	Avg. Height	Size	throughout. Most aspen stems running 3-4". BTA and QA mix. Fairly impressive sugar maple regen, similar to it's older sibling to the north				
	Sugar Maple	15	Sapling	2	20	В	Beech	Low	5 - 10 feet	Sapling	(Stand 29). Hard maple in canopy positions, quite a few stems ranging 5-				
	Red Maple	8	Sapling	3	20	Suga	ar Maple	High	10 - 20 feet	Sapling	20ft and a decent seedling layer (some were browsed). Small slug of sap				
В	Bigtooth Aspen	45	Sapling	3	20	Honeys	uckle (spp.)	Low	5 - 10 feet	Tall Shrub	WP in very north, near landfill entrance. Water quality/testing well in north				
	Black Cherry	5	Sapling	2		Red	d Maple	Low	10 - 20 feet	Sapling					
	Ironwood	3	Sapling	2		Servicebe	rry (Juneberry)	Low	10 - 20 feet	Sapling					
C	Quaking Aspen	24	Sapling	3		Stripe	ed Maple	Low	10 - 20 feet	Sapling					
						Suga	ar Maple	Medium	< 5 feet	Seeding					
						Blackber	ry/Raspberry	Low	< 5 feet	Tall Shrub					
						Hazelni	ut (Beaked)	Medium	< 5 feet	Tall Shrub					
							at (Beattea)	modiani	10.000						
							ite Pine	Low	10 - 20 feet	Sapling					
32	790 - Other Bare/	/Sparsely V	egetated	Nonsto	ocked		ite Pine				Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4.				
	790 - Other Bare/ 4111 - S.Maple, H				ocked er Wel	1.0	ite Pine U	Low			Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4. Thin (+cut all merch aspen) completed '04 (Landfill Hardwoods). Some of				
33		ard Mast As		awtimb		1.0 I 85.7	ite Pine U	Low	10 - 20 feet		Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4. Thin (+cut all merch aspen) completed '04 (Landfill Hardwoods). Some of the best NHWD I've seen, and some of the worst beech/ironwood regen				
33	4111 - S.Maple, H	ard Mast As	ssociation Sa	awtimb DB H	er Wel	1.0 1 85.7 Sub-Car	uite Pine Ui	Low nspecified 81-110	10 - 20 feet N/A	Sapling	Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4. Thin (+cut all merch aspen) completed '04 (Landfill Hardwoods). Some of the best NHWD I've seen, and some of the worst beech/ironwood regen				
33	4111 - S.Maple, H Canopy Species	ard Mast As	ssociation Sa	awtimb DB H	er Wel	1.0 1 85.7 Sub-Car	Us 85 nopy Species	Low nspecified 81-110 Density	N/A Avg. Height	Sapling	Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4. Thin (+cut all merch aspen) completed '04 (Landfill Hardwoods). Some of the best NHWD I've seen, and some of the worst beech/ironwood regen too. Very 'maplelized'. Most HM is extremely clean, straight, tight barked, some w/6+ logs. Beech really the only other canopy companion observed. Minor inclusions of BW (also very clean) and RM, a few YB,				
33	4111 - S.Maple, H. Canopy Species Sugar Maple	ard Mast As % Cover 72	ssociation Sa Size Class Log/Pole/XLog	DBH	er Wel	1.0 1 85.7 Sub-Car B Iro	85 hopy Species Seech	Low nspecified 81-110 Density Full	N/A Avg. Height 10 - 20 feet	Size Sapling	Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4. Thin (+cut all merch aspen) completed '04 (Landfill Hardwoods). Some of the best NHWD I've seen, and some of the worst beech/ironwood regen too. Very 'maplelized'. Most HM is extremely clean, straight, tight barked, some w/6+ logs. Beech really the only other canopy companion observed. Minor inclusions of BW (also very clean) and RM, a few YB, saw one large multi-stem RO, trace BTA (in south) and a token WP too.				
33	4111 - S.Maple, H. Canopy Species Sugar Maple Yellow Birch	ard Mast As Cover 72 3	ssociation Sa Size Class Log/Pole/XLog Log	DBH 12 14 15	er Wel	1.0 1 85.7 Sub-Car B Iro Suga	85 nopy Species Beech	81-110 Density Full Full	N/A Avg. Height 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Sapling	Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4. Thin (+cut all merch aspen) completed '04 (Landfill Hardwoods). Some of the best NHWD I've seen, and some of the worst beech/ironwood regen too. Very 'maplelized'. Most HM is extremely clean, straight, tight barked, some w/6+ logs. Beech really the only other canopy companion observed. Minor inclusions of BW (also very clean) and RM, a few YB,				
33	4111 - S.Maple, H. Canopy Species Sugar Maple Yellow Birch Basswood	### Asset As	ssociation Sa Size Class Log/Pole/XLog Log Log/XLog	DBH 12 14 15	er Wel	1.0 1 85.7 Sub-Car B Iro Suga	85 nopy Species Beech nowood ar Maple	81-110 Density Full Full Medium	N/A Avg. Height 10 - 20 feet 10 - 20 feet >20 feet	Size Sapling Sapling Sapling Sapling	Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4. Thin (+cut all merch aspen) completed '04 (Landfill Hardwoods). Some of the best NHWD I've seen, and some of the worst beech/ironwood regen too. Very 'maplelized'. Most HM is extremely clean, straight, tight barked, some w/6+ logs. Beech really the only other canopy companion observed. Minor inclusions of BW (also very clean) and RM, a few YB, saw one large multi-stem RO, trace BTA (in south) and a token WP too. BA still running low from recent Rx in mid-00's (102BA average). Quality decreases in south near boundary. Some aspen saps along southern boundary and around Stand 42. A 0.5ac inclusion of A8 (QA) in very				
33	4111 - S.Maple, H. Canopy Species Sugar Maple Yellow Birch Basswood Beech	ard Mast As **Cover 72 3 5 15	Size Class Log/Pole/XLog Log Log/XLog Log/Pole/XLog	DBH 12 14 15 13	er Wel	I 85.7 Sub-Car B Iro Suga Bigtoo	85 nopy Species Beech nowood ar Maple oth Aspen	81-110 Density Full Full Medium Low	N/A Avg. Height 10 - 20 feet 10 - 20 feet >20 feet >20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling	Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4. Thin (+cut all merch aspen) completed '04 (Landfill Hardwoods). Some of the best NHWD I've seen, and some of the worst beech/ironwood regen too. Very 'maplelized'. Most HM is extremely clean, straight, tight barked, some w/6+ logs. Beech really the only other canopy companion observed. Minor inclusions of BW (also very clean) and RM, a few YB, saw one large multi-stem RO, trace BTA (in south) and a token WP too. BA still running low from recent Rx in mid-00's (102BA average). Quality decreases in south near boundary. Some aspen saps along southern				
33	4111 - S.Maple, H. Canopy Species Sugar Maple Yellow Birch Basswood Beech	ard Mast As **Cover 72 3 5 15	Size Class Log/Pole/XLog Log Log/XLog Log/Pole/XLog	DBH 12 14 15 13	er Wel	I 85.7 Sub-Car B Iro Suga Bigtor Quaki	85 nopy Species Beech nowood ar Maple oth Aspen ing Aspen	81-110 Pensity Full Full Medium Low Low	N/A Avg. Height 10 - 20 feet 10 - 20 feet >20 feet >20 feet >20 feet >20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Gas wells, Riverside Energy, STATE MAPLE FOREST #A4-4, #A3-4, and #B3-4. Thin (+cut all merch aspen) completed '04 (Landfill Hardwoods). Some of the best NHWD I've seen, and some of the worst beech/ironwood regen too. Very 'maplelized'. Most HM is extremely clean, straight, tight barked, some w/6+ logs. Beech really the only other canopy companion observed. Minor inclusions of BW (also very clean) and RM, a few YB, saw one large multi-stem RO, trace BTA (in south) and a token WP too. BA still running low from recent Rx in mid-00's (102BA average). Quality decreases in south near boundary. Some aspen saps along southern boundary and around Stand 42. A 0.5ac inclusion of A8 (QA) in very				

Report 7 – Stands

Compartment: 213 Year of Entry: 2022



Canopy Species	Stand	d Level 4 Cover Type Size Density		ensity	ity Acres Stand Age BA Range Managed Site			Managed S	General Comments			
Canopy Species W. Cover Size Class DBH Age Red Maple 8 Polel-Log/Role 1 1 69 Sugar Maple High > 20 feet Sapling Black Cherry 3 Log/Pole 13 Black Cherry 3 Log/Pole 14 Black Cherry 3 Log/Pole 15 Black Cherry 4 Black Cherry 4 Black Cherry 5 Black Cherry 6 Black Cherry 6 Black Cherry 6 Black Cherry 6 Black Cherry 7 Black Cherry 7 Black Cherry 7 Black Cherry 8 Black Cherry 9 Black Ch	34	4130 - /	Aspen	Saw	/timber	r Mediur	n 21.9	69	51-80	N/A		A fairly complex stand. Distinct second age class in sub-can as well as
Red Maple 8 Pole/Log/XLog 8 Sugar Maple High >20 feet Sapling Black Cherry 3 Log/Pole 11 69 Red Maple High >20 feet Sapling Black Cherry 3 Log/Pole 12 White Pine Low Variable Sugar Maple 8 Log/Pole 12 Beech Low 10 - 20 feet Sapling Sugar Maple 8 Log/Pole/XLog 10 Red Pine Trace 10 - 20 feet Sapling White Pine 1 Log 11 Log 11 Log 12 Black Cherry Low Variable Sapling White Pine 1 Log 12 Sugar Maple 8 Log/Pole/XLog 10 Red Pine Trace Sugar Medium 10 - 20 feet Sapling White Pine 1 Log 12 Sugar Maple Black Cherry Low Variable Sapling White Pine 1 Log 12 Sugar Maple White Oak Trace >20 feet Sapling White Oak Trace >20 feet Sapling Sugar Maple High <5 feet Tall Shrub Blackberry/Raspberry Low <5 feet Tall Shrub Blackberry/Raspberry Low <5 feet Sapling Striped Maple Medium >20 feet Sapling Sub-Canopy Species White Pine Low Variable Sapling Sub-Canopy Species White Pine Low Variable Sapling Sub-Canopy Species White Pine Low Variable Sapling Scotch Pine High Variable Sapling Scotch Pine Pine Pine Pine Pine Pine Pine Pine		Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	
Black Cherry 3 Log/Pole 13 White Pine Low Variable Sapling Red Oak 1 Log Value Value Pine I Low Value Pine Pine Vite Pine I Low Value Pine Pine Vite Pine I Low Value Pine Pine Vite Pine Pine Vite Pine Vite Pine Vite Pine Vite Pine Vite Pine Vite Pine Pine Vite Pine Vite Pine Vite Pine Vite Pine Vite Pine Vite Pine Pine Vite Pine Pine Vite Pine Pine Pine Pine Vite Pine Pine Pine Pine Pine Vite Pine Pine Pine Pine Pine Pine Pine Pin		Red Maple	8	Pole/Log/XLog	8		Suga	ar Maple	High	>20 feet	Sapling	and A5/6). QA dominant, BTA scattered. Most aspen stems showing
Bigtooth Aspen 8 Log/Pole 12 Beech Low 10 - 20 feet Sapling Sugar Maple 8 Log/Pole/XLog 10 Red Oak 1 Log 11 Dog 12 Beech Low 10 - 20 feet Sapling Red Oak 1 Log 11 Dog 12 Beech Low Variable Sapling Red Oak 1 Log 11 Dog 12 Beech Low Variable Sapling Sugar Maple Nhite Pine 1 Log 12 Dog 12 Beech Low Variable Sapling Sugar Maple Medium 10 - 20 feet Sapling Sugar Maple Medium Software Serviceberry (Juneberry) Low Software Tall Shrut Blackberry/Raspberry Low Sorviceberry (Juneberry) Low Software Tall Shrut Serviceberry (Juneberry) Low Software Striped Maple Medium Software Striped Maple Medium Software Tall Shrut Shrut Striped Maple Medium Software Tall Shrut Shr	(Quaking Aspen	71	Log/Pole	11	69	Red	d Maple	High	>20 feet	Sapling	decline, many were ok/marginal quality, some stems snagged out. Some
Bigtooth Aspen 8 Log/Pole/XLog 10 Red Pine Trace 10 - 20 feet Sapling Red Oak 1 Log 11 Quaking Aspen Medium 10 - 20 feet Sapling White Pine 1 Log 12 Black Cherry Low Variable Sapling White Pine 1 Log 12 Black Cherry Low Variable Sapling Hazelnut (Beaked) High < 5 feet Tall Shrub Blackberry/Raspberry Low < 5 feet Tall Shrub Serviceberry (Juneberry) Low < 20 feet Sapling Striped Maple Medium < 5 - 10 feet Sapling Striped Maple Medium > 20 feet Sapling Striped Maple Medium > 20 feet Sapling Striped Maple Medium > 5 - 10 feet Tall Shrub Serviceberry (Juneberry) Low Serviceberry (Juneberry) Striped Maple Medium > 20 feet Sapling Striped Maple Medium > 20 feet Sapling Striped Maple Medium S - 10 feet Tall Shrub Striped Maple Medium S - 10 feet Sapling Striped Maple Medium S - 10 feet Tall Shrub Sub-Canopy Species Density White Pine Low Variable Sapling Quaking Aspen High Variable Sapling Scotch Pine High Variable Sapling Scotch Pine High Variable Sapling Sapling Scotch Pine Indiv Norable Sapling Sapling Sapling Scotch Pine Indiv Norable Sapling Sapling Sapling Scotch Pine Indiv Norable Sapling Sapli		Black Cherry	3	Log/Pole	13		Whi	ite Pine	Low	Variable	Sapling	
Red Oak 1 Log 11 Black Cherry Low Variable Sapling White Pine 1 Log 12 Black Cherry Low Variable Sapling White Pine 1 Log 12 Black Cherry Low Variable Sapling White Oak Trace 20 feet Sapling Hazelnut (Beaked) High < 5 feet Tall Shrub Blackberry/Raspberry Low < 5 feet Tall Shrub Blackberry/Raspberry Low < 5 feet Seeding Blackberry/Raspberry Low 20 feet Sapling Sugar Maple Medium < 5 feet Seeding Ironwood Low 5-10 feet Sapling Striped Maple Medium >20 feet Sapling Witch Hazel Medium 5-10 feet Tall Shrub 11.9 Unspecified White Pine Low Variable Sapling White Pine Low Variable Sapling Black Cherry High Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Sapling Sapling Oudwersterd tree/shrub to what could be split of a sapling area you generally see mixed clumps primarily containing QA, Bleck Cherry, and Scotch. Almost every tree species listed above is preser as a sapling on up to log size (some xlog). Scotch pine is slowly radiating out westward.	ı	Bigtooth Aspen	8	Log/Pole	12		В	seech	Low	10 - 20 feet	Sapling	a medium/high mix of RM/HM regen. Called ages an estimate, had
White Pine 1 Log 12 Black Cherry Low Variable Sapling White Oak Trace >20 feet Sapling Hazelnut (Beaked) High < 5 feet Tall Shrub Hawthorn (spp.) Trace 10 - 20 feet Tall Shrub Blackberry/Raspberry Low < 5 feet Tall Shrub Serviceberry (Juneberry) Low >20 feet Sapling Sugar Maple Medium < 5 feet Saeding Ironwood Low 5 - 10 feet Sapling Striped Maple Medium >20 feet Sapling Witch Hazel Medium 5 - 10 feet Tall Shrub 11.9 Unspecified Sub-Canopy Species Density White Pine Low Variable Sapling Quaking Aspen High Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Sapling out westward.		Sugar Maple	8	Log/Pole/XLog	10		Re	d Pine	Trace	10 - 20 feet	Sapling	trouble counting rings on cores taken.
White Oak Trace >20 feet Sapling Hazelnut (Beaked) High <5 feet Tall Shrub Hawthorn (spp.) Trace 10 - 20 feet Tall Shrub Blackberry/Raspberry Low <5 feet Tall Shrub Serviceberry (Juneberry) Low >20 feet Sapling Serviceberry (Juneberry) Low >20 feet Sapling Ironwood Low 5 - 10 feet Sapling Striped Maple Medium >20 feet Sapling Witch Hazel Medium 5 - 10 feet Tall Shrub 11.9 Unspecified No Sub-Canopy Species Density Avg. Height Size White Pine Low Variable Sapling Quaking Aspen High Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Scott Tall Shrub Ranges from low density/scattered tree/shrub to what could be split of and called forested. Highest density of trees is along the eastern boundary, up against Stand 38. This area has very dense scotch pine area you generally see mixed clumps primarily containing QA, Blk Cherry, and Scotch. Almost every tree species listed above is preser a sapling on up to log size (some xlog). Scotch pine is slowly radiatin out westward.		Red Oak	1	Log	11		Quaki	ng Aspen	Medium	10 - 20 feet	Sapling	
Hazelnut (Beaked) High < 5 feet Tall Shrub Hawthorn (spp.) Trace 10 - 20 feet Tall Shrub Blackberry/Raspberry Low < 5 feet Tall Shrub Serviceberry (Juneberry) Low >20 feet Sapling Sugar Maple Medium < 5 feet Seeding Ironwood Low 5 - 10 feet Sapling Striped Maple Medium >20 feet Sapling Witch Hazel Medium 5 - 10 feet Tall Shrub 8 3303 - Mixed Low Density Trees Nonstocked 11.9 Unspecified White Pine Low Variable Sapling White Pine Low Variable Sapling Quaking Aspen High Variable Sapling Black Cherry High Variable Sapling Scotch Pine Ing Variable Sapling Scotch Pine High Variable Sapling Out westward.		White Pine	1	Log	12		Black	k Cherry	Low	Variable	Sapling	
Hawthorn (spp.) Hawthorn (spp.) Trace 10 - 20 feet Tall Shrub							Wh	ite Oak	Trace	>20 feet	Sapling	
Blackberry/Raspberry Low < 5 feet Tall Shrub Serviceberry (Juneberry) Low >20 feet Sapling Sugar Maple Medium < 5 feet Seeding Ironwood Low 5 - 10 feet Sapling Striped Maple Medium >20 feet Sapling Witch Hazel Medium 5 - 10 feet Tall Shrub 3303 - Mixed Low Density Trees Nonstocked 11.9 Unspecified No Sub-Canopy Species Density Avg. Height Size White Pine Low Variable Sapling Quaking Aspen High Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Scotch Pine High Variable Sapling on up to log size (some xlog). Scotch pine is slowly radiating out westward.							Hazelnı	ut (Beaked)	High	< 5 feet	Tall Shrub	
Serviceberry (Juneberry) Sugar Maple Medium Sugar Maple Medium Subriped Medium Subriped Maple Medium Subriped Medium Subriped Medium Subriped Maple Medium Subriped Medium Subripe							Hawth	orn (spp.)	Trace	10 - 20 feet	Tall Shrub	
Sugar Maple Medium < 5 feet Seeding Ironwood Low 5 - 10 feet Sapling Striped Maple Medium >20 feet Sapling Witch Hazel Medium 5 - 10 feet Tall Shrub The sub-Canopy Species Density White Pine Low Variable Sapling Quaking Aspen High Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Out westward.							Blackberi	ry/Raspberry	Low	< 5 feet	Tall Shrub	
Striped Maple Medium >20 feet Sapling Witch Hazel Medium 5 - 10 feet Tall Shrub							Serviceber	rry (Juneberry)	Low	>20 feet	Sapling	
Striped Maple Witch Hazel Medium 5 - 10 feet Tall Shrub Sub-Canopy Species Density Avg. Height Sapling White Pine Low Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Sapling Scotch Pine High Variable Sapling Sapling Scotch Pine High Variable Sapling Sapling Sapling Sapling Scotch Pine High Variable Sapling Sapling Sapling Sapling Scotch Pine High Variable Sapling							Suga	ar Maple	Medium	< 5 feet	Seeding	
35 3303 - Mixed Low Density Trees Nonstocked 11.9 Unspecified No Sub-Canopy Species Density White Pine Low Variable Quaking Aspen Black Cherry Black Cherry High Variable Scotch Pine High Variable Sapling Scotch Pine Variable Sapling							Iro	nwood	Low	5 - 10 feet	Sapling	
35 3303 - Mixed Low Density Trees Nonstocked 11.9 Unspecified No Sub-Canopy Species Density White Pine Low Variable Quaking Aspen Black Cherry Black Cherry Scotch Pine High Variable Sapling Scotch Pine High Variable Sapling Scotch Pine High Variable Sapling Scotch Pine Wospecified No Ranges from low density/scattered tree/shrub to what could be split of and called forested. Highest density of trees is along the eastern boundary, up against Stand 38. This area has very dense scotch pine saps (some poles). as well as some other conifer/deciduous. Outside area you generally see mixed clumps primarily containing QA, Blk Cherry, and Scotch. Almost every tree species listed above is preser a sapling on up to log size (some xlog). Scotch pine is slowly radiating out westward.							Stripe	ed Maple	Medium	>20 feet	Sapling	
Sub-Canopy Species Density Avg. Height Size White Pine Low Variable Sapling Quaking Aspen High Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Scotch Pine High Variable Sapling							Witc	ch Hazel	Medium	5 - 10 feet	Tall Shrub	
Sub-Canopy Species Density Avg. Height Size White Pine Low Variable Sapling Quaking Aspen High Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Scotch Pine High Variable Sapling	35	3303 - Mixed Lov	w Density	/ Trees	Nonsto	ocked	11.9	Ur	nspecified	No		Ranges from low density/scattered tree/shrub to what could be split out
White Pine Low Variable Sapling Quaking Aspen High Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Scotch Pine High Variable Sapling							Sub-Can	opy Species	Density	Avg. Height	Size	and called forested. Highest density of trees is along the eastern
Quaking Aspen High Variable Sapling Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Scotch Pine High Variable Sapling												
Black Cherry High Variable Sapling Scotch Pine High Variable Sapling Scotch Pine High Variable Sapling Out westward. Cherry, and Scotch. Almost every tree species listed above is preser a sapling on up to log size (some xlog). Scotch pine is slowly radiating out westward.							Quaki	ng Aspen	High	Variable		area you generally see mixed clumps primarily containing QA, Blk
Scotch Pine High Variable Sapling out westward.							Black	k Cherry		Variable		
							Scot	tch Pine		Variable		
Ironwood Low 10 - 20 feet Sapling							Iro	nwood		10 - 20 feet	-	
Red Pine Low >20 feet Log							Re	d Pine	Low	>20 feet		
Basswood Trace >20 feet Log							Bas	sswood	Trace	>20 feet		
Hawthorn (spp.) Medium 5 - 10 feet Tall Shrub							Hawth	orn (spp.)	Medium	5 - 10 feet		
Honeysuckle (spp.) Low < 5 feet Tall Shrub										< 5 feet		
Witch Hazel Medium 10 - 20 feet Tall Shrub							Witc	h Hazel	Medium	10 - 20 feet	Tall Shrub	
Red Maple Low 10 - 20 feet Sapling							Red	d Maple	Low	10 - 20 feet	Sapling	

Low

< 5 feet

Hazelnut (Beaked)

Tall Shrub



Stand	nd Level 4 Cover Type			Size Density		Acres	Acres Stand Age BA R		BA Range Managed Site		General Comments	
36	4112 - Maple, Asso	Beech, Ch	nerry Sa	awtimb	er Well	2.1	85	81-110	N/A		Cotant in '10: mixed hdwd stand with hemlock present along northern edge, overall poor quality, especially compared to Stand 33.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Specie	s Density	Avg. Height	Size	JSP in '20: Wasn't thinned/acted as a visual during most recent thin in Stand 33. I agree w/Cotant. PVT to north parking campers very close to	
	Sugar Maple	50	Log/Pole	11	85		Beech	High	Variable	Sapling	State ownership. Do not believe they're onto state but something to be	
	Red Maple	15	Log/Pole	11		Ir	onwood	Medium	Variable	Sapling	mindful of during '30 inventory. Some 'stuff' close to line as well (pallet,	
	Beech					Sugar Maple		Low	>20 feet	Sapling	debris, etc). Found 2-corners, one in Sherman Rd and a concrete monument w/rebar just west of Sherman. Verify which is correct (note to	
	Hemlock	3	XLog/Log	20		Re	ed Maple	Medium	>20 feet	Sapling	self).	
	Yellow Birch 3 Log/Pole 14									-		
37						9.1		Unspecified	No		Hartwick Rd access to Waste Management landfill and road right of way along this access. also includes portions of right of way along Sherman Rd. two entrance signs for waste management are located at intersection with Sherman rd.	
38	42130 - Plant				er Well	2.3	64	171-200	N/A		Majority of stand is Scotch Pine dominant, some are surprising large. Throughout are slugs of WP, then RP to a lesser extent (Xlog of both are	
	Canopy Species		Size Class		Age		anopy Specie		Avg. Height	Size	very common). North end of north polygon is mainly WP (w/scat scotch	
	White Pine	25	Log/XLog/Pole				gar Maple	Medium	10 - 20 feet	Sapling	and RP). Powerline runs along the eastern boundary. Scotch pine saps	
	Red Pine	10	Log/XLog	15			Beech	Medium	10 - 20 feet	Sapling	(some poles) are heavily established along most western boundary locations (east boundary of Std.35 too). Scotch have seeded in on	
	Scotch Pine	60	Log/Pole/XLog	13	64		onwood	Medium	10 - 20 feet	Sapling	Stateland across Sherman Rd (C245, Std.04).	
	Quaking Aspen	2	Log	12			otch Pine	Medium	10 - 20 feet	Sapling		
	Sugar Maple	3	Log/Pole/XLog	11			hite Pine	Trace	< 5 feet	Seeding		
						Balsam Fir		Trace	5 - 10 feet	Sapling		
							nut (Beaked)	High	< 5 feet	Tall Shrub		
							tch Hazel	Low	5 - 10 feet	Tall Shrub		
						Strip	ped Maple	Low	10 - 20 feet	Sapling		
39	122 - Road	d/Parking L	.ot I	Nonsto	cked	0.9		Unspecified	No		Old 27, Snowmobile Trail and Railroad.	
40	710 - S	and, Soil	1	Nonsto	cked	0.8		Unspecified			(Shut-In) Gas well, Riverside Energy, STATE MAPLE FOREST #C4-5	
											Pump station site with several sheds/structures present.	
41	310 - Herbaceous Openland Nonstocked			cked	0.7	0	Unspecified	No		Grassy opening with some scattered wolfy maple, a few black cherry, one scotch pine and sugar maple saps lining the perimeter.		
42	310 - Herbaceous Openland Nonstocked				cked	0.6	0	Unspecified	No		Appearance of being an old landing (earthen mounds along edge). Perimeter lined with some aspen/NHWD saps, some black cherry too.	
43	790 - Other Bare/Sparsely Vegetated Nonstocked			cked	1.3	0	Unspecified			Gas well, Riverside Energy, STATE MAPLE FOREST #D1-5		
											Well pad site. Southern 'tail' is a natural/grassy opening with some deciduous seeds/saps.	
44	4 790 - Other Bare/Sparsely Vegetated Nonstocked				cked	0.1		Unspecified			Gas well, Riverside Energy, STATE MAPLE FOREST #C4-4 and #D3-4.	

Report 7 - Stands



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site		General Comments	
45	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.6	0	Unspecified			Gas wells, Riverside Energy, STATE MAPLE FOREST #D1-4 and #C2-4	
								Well pad site and heavily used exit/entry point along the landfill. Saplings along perimeter.	
46	3105 - Mixed Upland Herbaceous	Nonstocked	5.6		Unspecified	No		Far fewer trees than its neighbor to the north Stand 35. Edges still	
			Sub-Ca	nopy Speci	es Density	Avg. Height	Size	populated with scatterd clumps of primarily QA and Blk Cherry, sapling through log sizes. Access road to well pad Stand 44 and pads south and	
			W	hite Pine	Trace	Variable	Sapling	west of the landfill travels through this opening. That road is currently (in	
			Qua	king Aspen	Medium	Variable	Sapling	winter) gated/locked at the landfill fence line.	
			Bla	ck Cherry	Medium	>20 feet	Pole		
			Hawthorn (spp.) Red Pine Scotch Pine		Low	< 5 feet	Tall Shrub		
					Trace	>20 feet	Pole		
					Trace	Variable	Sapling		
			Blackbe	erry/Raspber	ry Low	< 5 feet	Tall Shruk		
47	500 - Water	Nonstocked	0.8	0	Unspecified	No		West portion of Blue Gill Lake. Stand includes shoreline populated with some lowland shrubs as well as some tree species.	
48	122 - Road/Parking Lot	Nonstocked	4.5	0	Unspecified	No		Primarily delineates North Roberts Rd. Also captures the entrances into the day use parks/boat launch areas for Horseshoe and Blue Gill Lakes. South end captures a small portion of Greenacres Dr.	
49	790 - Other Bare/Sparsely Vegetated	Nonstocked	4.2	0	Unspecified			Corridor for an underground high pressure gas pipeline.	
50	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.9	0	Unspecified			Powerline corridor. I-75 ROW fence is on the east boundary of this stand/corridor. Until the powerline turns SW and cuts through Stand 12.	
51	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.3	0	Unspecified			Powerline corridor. Feeds PVT homes on north end of Horseshoe Lake	