

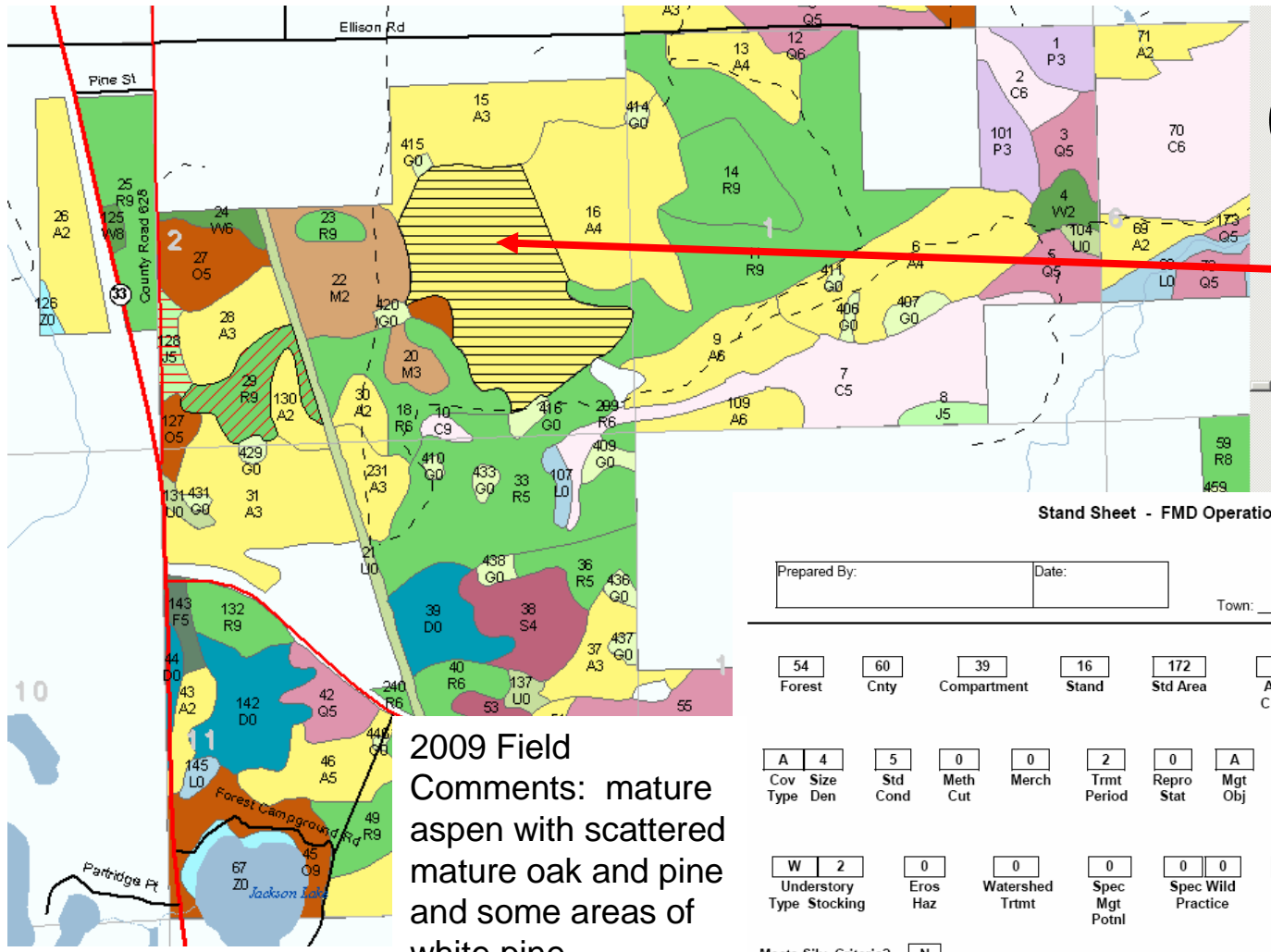
- Current age class distribution of aspen in the Atlanta FMU is heavily out of balance.
- In order to start to balance that age class distribution, we are recommending additional aspen acres to be harvested.
- The recommended additions will not level the peak, but over time will make it easier to achieve balance.

Management Area	Comp	Stand	Acres	YOE	YOO	Comments
Thunder Bay Outwash	39	16	92	2014	1963	Harvest west half of stand (stand is 172 acres). Leave 1-3 oak or pine per acre for aesthetics, regeneration, and mast. Mix of aspen, oak, and/or pine acceptable.
Thunder Bay Outwash	53	27	180	2014	1968	5-8" aspen. Retain oak and pine.
Thunder Bay Outwash	66	2	25	2016	1964	5-8" aspen. Cut aspen, Mr, JP. Retain r&wp, oak.
Thunder Bay Outwash	66	102	29	2016	1964	5-8" aspen. Cut aspen, Mr, JP. Retain r&wp, oak.
Thunder Bay Outwash	69	22	90	2014	1968	Harvest east 1/3 of stand (stand is 208 acres). Leave scattered oak and pine for aesthetics, regeneration, and mast. Will need some minor road work for access. ORV trail would be used for haul road.
			416			

Management Area	Comp	Stand	Acres	YOE	YOO	Comments
Avery Hills	4	32	19	2015	1930	Leave scattered oak or white pine for aesthetics, regeneration, and mast. Mix of aspen, oak, and/or pine acceptable.
Avery Hills	4	33	48	2015	1956	Leave scattered oak or white pine for aesthetics, regeneration, and mast. Mix of aspen, oak, and/or pine acceptable.
Avery Hills	25	62	57	2013	1964	Leave scattered oak or white pine for aesthetics, regeneration, and mast. Mix of aspen, oak, and/or pine acceptable.
			124			Total: 540

Location information - Atlanta Aspen Additions 2010 POW

Compartment	Township	Tier	Range	Section
4	Albert	29N	2E	13,14
25	Avery	30N	3E	32
39	Briley	31N	02E	2
53	Hillman	31N	3E	30
66	Montmorency	32N	2E	36
69	Montmorency	32N	3E	8



Comp 39

West
portion
Stand 16
1963 YOO
92 acres

Stand Sheet - FMD Operations Inventory System

Print Date: 07/30/2009

Prepared By: _____ Date: _____ Forest: Compartment: Stand:
 Town: _____ Range: _____ Section: _____ Sub: _____

<input type="text" value="54"/>	<input type="text" value="60"/>	<input type="text" value="39"/>	<input type="text" value="16"/>	<input type="text" value="172"/>	<input type="text" value="1"/>	<input type="text" value="6"/>	<input type="text" value="2002"/>	<input type="text" value="1"/>	<input type="text" value="0"/>				
Forest	Cnty	Compartment	Stand	Std Area	Area Class	Infl Zone	Data Year	Data Source	FD Code				
<input type="text" value="A"/> <input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text" value="0"/>	<input type="text" value="A"/>	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="40"/>	<input type="text" value="6"/>		
Cov Type	Size Den	Std Cond	Meth Cut	Merch	Trmt Period	Repro Stat	Mgt Obj	Cultural Need	Meth Pri	TSI BA	Harv Cut Pri	Total BA	Ave DBH
<input type="text" value="W"/> <input type="text" value="2"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="8"/>	<input type="text" value="115"/>	<input type="text" value="0"/>	<input type="text" value="12"/>	<input type="text" value="1963"/>	<input type="text" value="66"/>
Understory Type	Stocking	Eros Haz	Watershed Trmt	Spec Mgt Potnl	Spec Wild Practice	Grnd Cov	Soil Type	Insect Dis	Site Species	Year Orig	Site Index		

Meets Silv. Criteria?

2009 Field Comments: mature aspen with scattered mature oak and pine and some areas of white pine regeneration. Leave 1-2 oak or pine per acre. Acceptable regeneration – mix of aspen, oak, pine, and red maple.

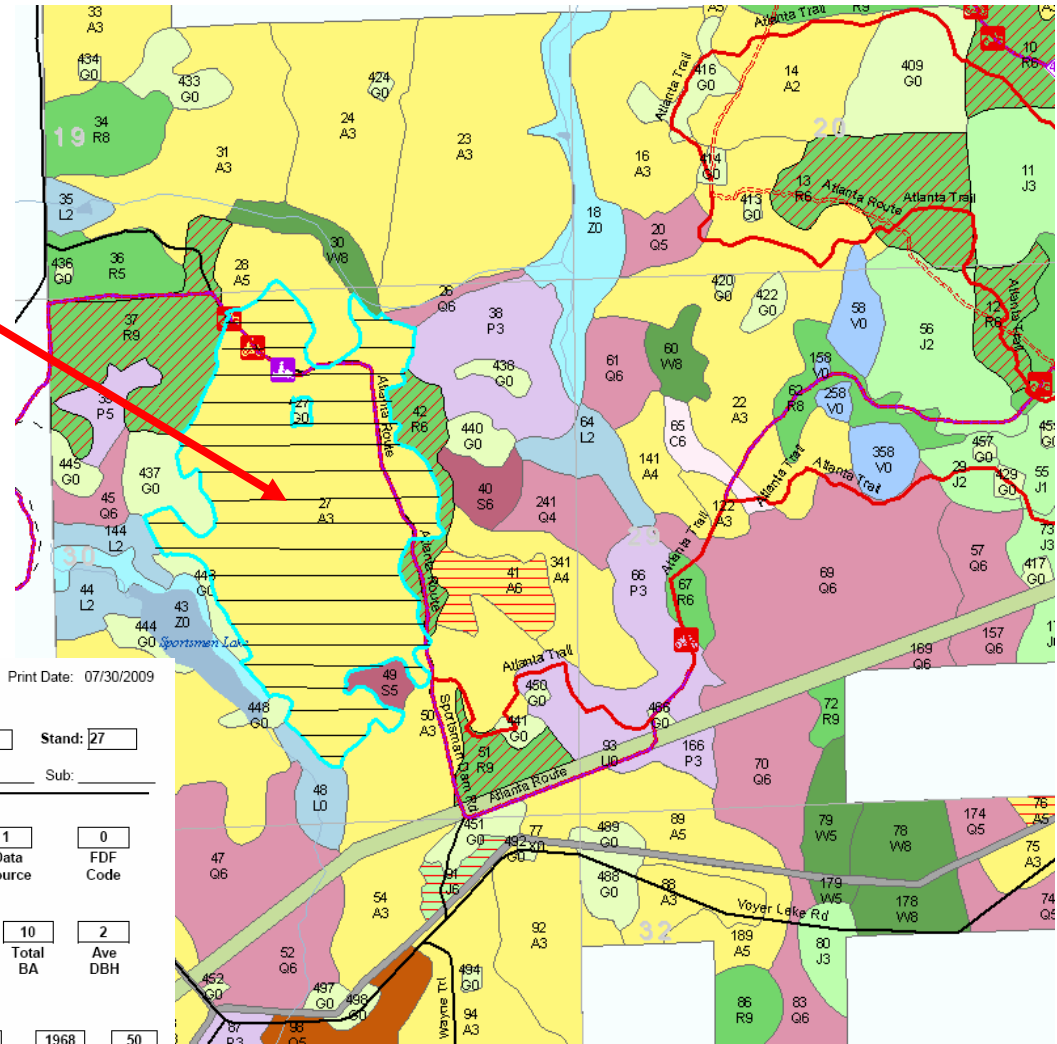
Species Code	Desc.	TOTAL VOLUME				
		Prod	Stks	BA	Cds	Mbf
12	big tooth aspen	2	3	30	1032	0
8	red oak	1	1	10	0	60
Total.....					1032	60

Species Code	Desc.	PARTIAL CUT VOLUME				
		Prod	Stks	BA	Cds	Mbf

Comp 53

Stand 27 1968 YOO
180 acres

2009 Field Comments: 5-8" aspen up to 10" dbh. Retain oak and pine. Acceptable regeneration – mix of aspen, oak, pine, and red maple. Buffer Sportmen's Lake. Protect soft mast shrub species.



Stand Sheet - FMD Operations Inventory System

Print Date: 07/30/2009

Prepared By: _____ Date: _____ Forest: Compartment: Stand:
Town: _____ Range: _____ Section: _____ Sub: _____

Forest Cnty Compartment Stand Std Area Area Class Infl Zone Data Year Data Source FDF Code

Cov Type Size Den Std Cond Meth Cut Merch Trmt Period Repro Stat Mgt Obj Cultural Need Meth Pri TSI BA Harv Cut Pri Total BA Ave DBH

Understory Type Stocking Eros Haz Watershed Trmt Spec Mgt Potnl Spec Wild Practice Grnd Cov Soil Type Insect Dis Site Species Year Orig Site Index

Meets Silv. Criteria?

Species		TOTAL VOLUME			
Code	Desc.	Prod	Stk	BA	Cds Mbf
12	big tooth aspen	2	1	10	162 0
Total.....		162 0			

Species		PARTIAL CUT VOLUME			
Code	Desc.	Prod	Stk	BA	Cds Mbf
Total.....		0 0			

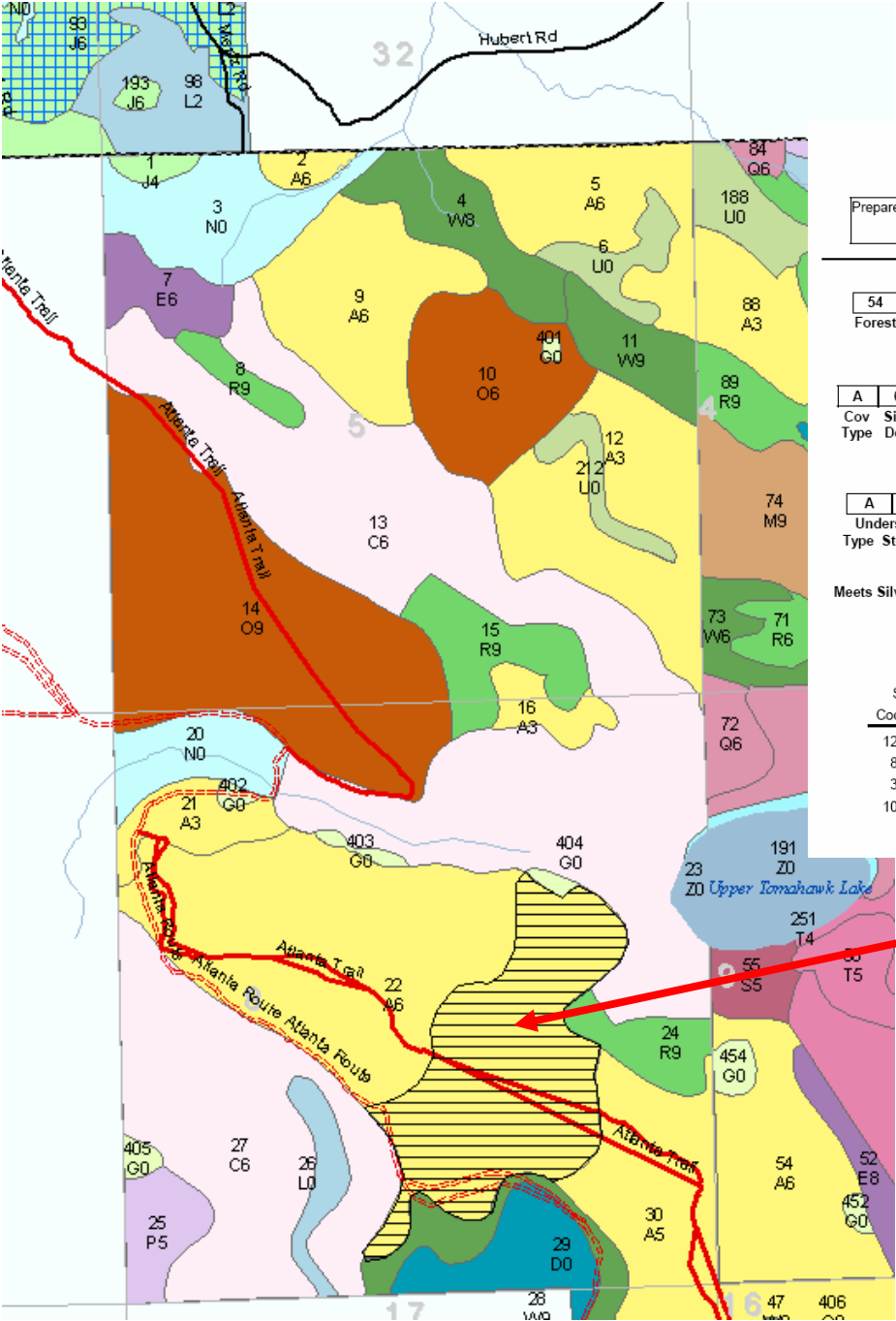
FMD Comment:

SCATTERED OVERSTORY - OAK & PINE.

Comp 69

Stand Sheet - FMD Operations Inventory System

Print Date: 07/30/2009



Prepared By: _____ Date: _____ Forest: Compartment: Stand:
 Town: _____ Range: _____ Section: _____ Sub: _____

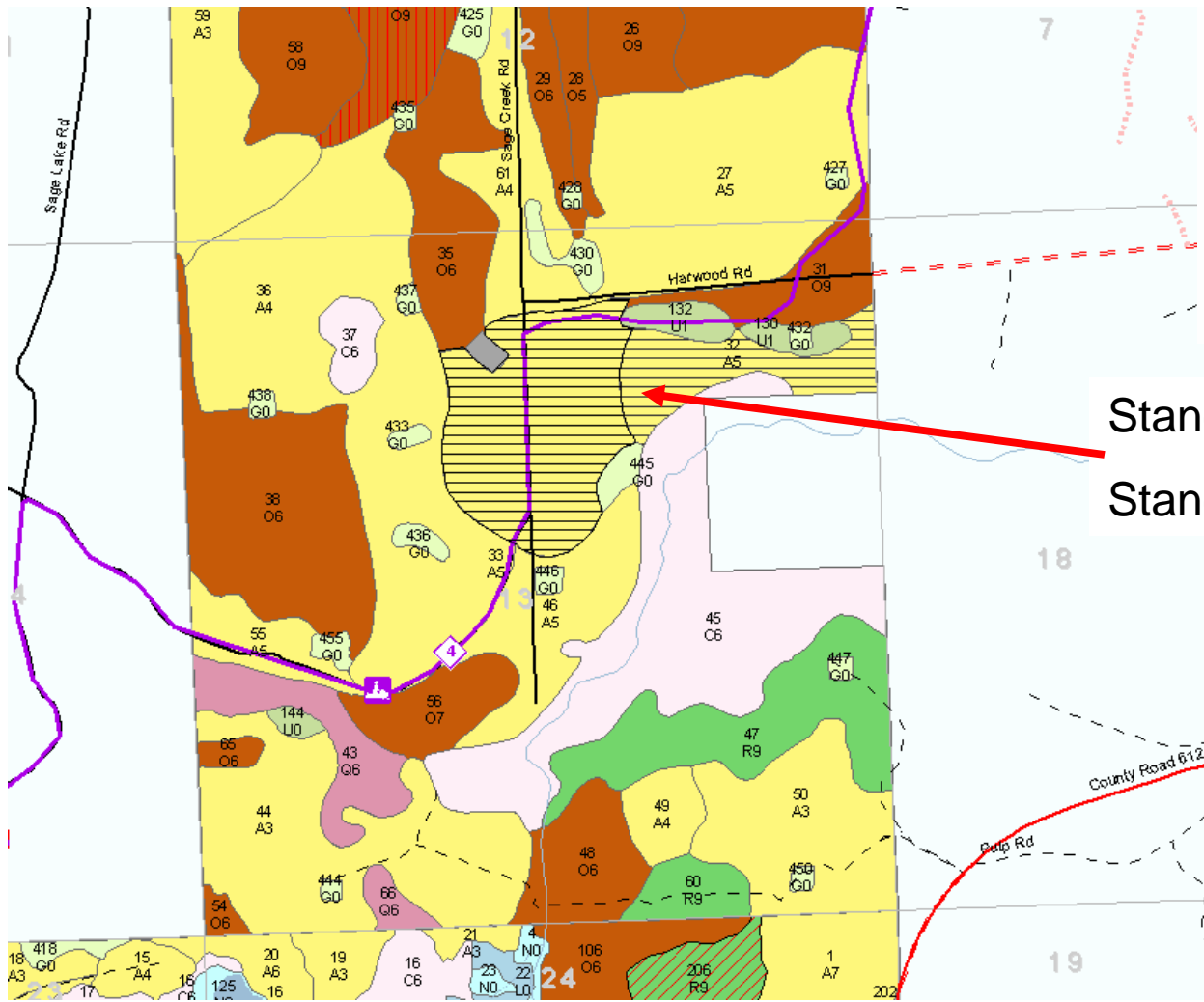
<input type="text" value="54"/>	<input type="text" value="60"/>	<input type="text" value="69"/>	<input type="text" value="22"/>	<input type="text" value="208"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="2004"/>	<input type="text" value="1"/>	<input type="text" value="0"/>
Forest	Cnty	Compartment	Stand	Std Area	Area Class	Infl Zone	Data Year	Data Source	FDF Code
<input type="text" value="A"/>	<input type="text" value="6"/>	<input type="text" value="5"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text" value="0"/>	<input type="text" value="A"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Cov Type	Size Den	Std Cond	Meth Cut	Merch	Trmt Period	Repro Stat	Mgt Obj	Cultural Need	Meth Pri
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text" value="0"/>	<input type="text" value="A"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Understory Type	Stocking	Eros Haz	Watershed Trmt	Spec Mgt Potnl	Spec Wild Practice	Grnd Cov	Soil Type	Insect Dis	Site Species
<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="8"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="12"/>
Meets Silv. Criteria?	<input type="text" value="N"/>								

Species Code	Desc.	TOTAL VOLUME			
		Prod	Stks	BA	Cds Mbf
12	big tooth aspen	2	3	40	1664 0
8	red oak	1	2	10	0 125
3	red maple	2	3	10	416 0
10	paper birch	2	3	10	416 0
Total.....					2496 125

Species		PARTIAL CUT VOLUME			
Code	Desc.	Prod	Stks	BA	Cds Mbf

East portion
Stand 22
1968 YOO
90 acres

2009 Field Comments:
Mature with pockets of mixed hardwoods (soft maple). Leave scattered oak and pine. Acceptable regeneration – mix of aspen, oak, and red maple.



COMPARTMENT 4
 T29N, R2E, SEC. 1, 12, 13
 COUNTY: MONTMORENCY
 UNIT: ATLANTA
 FOREST: MACKINAW
 YOY: 2005
 ACRES: 1,889 GIS CALCULATED
 MAP REVISED: 4/02/2003
 STAND EXAMINER: ROBERT THIENER

Stand 32 1930 YOO 19 acres
 Stand 33 1956 YOO 48 acres

2009 Field Comments:
 Leave scattered oak
 and pine. Acceptable
 regeneration – mix of
 aspen, oak, and red
 maple.

Stand Sheet - FMD Operations Inventory System

Print Date: 07/30/2009

Prepared By: _____ Date: _____ Forest: Compartment: Stand:
 Town: _____ Range: _____ Section: _____ Sub: _____

<input type="text" value="54"/> Forest	<input type="text" value="60"/> Cnty	<input type="text" value="4"/> Compartment	<input type="text" value="32"/> Stand	<input type="text" value="19"/> Std Area	<input type="text" value="1"/> Area Class	<input type="text" value="2"/> Infl Zone	<input type="text" value="2003"/> Data Year	<input type="text" value="1"/> Data Source	<input type="text" value="0"/> FDF Code					
<input type="text" value="A"/> Cov Type	<input type="text" value="5"/> Size Den	<input type="text" value="4"/> Std Cond	<input type="text" value="1"/> Meth Cut	<input type="text" value="1"/> Merch	<input type="text" value="0"/> Trmt Period	<input type="text" value="1"/> Repro Stat	<input type="text" value="A"/> Mgt Obj	<input type="text" value="0"/> Cultural Need	<input type="text" value="0"/> Cultural Meth	<input type="text" value="0"/> Cultural Pri	<input type="text" value="0"/> TSI BA	<input type="text" value="3"/> Harv Cut Pri	<input type="text" value="60"/> Total BA	<input type="text" value="8"/> Ave DBH
<input type="text" value="U"/> Understory Type	<input type="text" value="2"/> Stocking	<input type="text" value="0"/> Eros Haz	<input type="text" value="0"/> Watershed Trtmt	<input type="text" value="0"/> Spec Mgt Potnl	<input type="text" value="0"/> Spec Wild Practice	<input type="text" value="8"/> Grnd Cov	<input type="text" value="118"/> Soil Type	<input type="text" value="0"/> Insect Dis	<input type="text" value="11"/> Site Species	<input type="text" value="1930"/> Year Orig	<input type="text" value="52"/> Site Index			

Meets Silv. Criteria? Y

Treatment Limiting Factors - Prioritized:

- Inadequate volume due to low stocking/small diameter/etc.
- Inadequate volume due to small acreage

Species		TOTAL VOLUME				
Code	Desc.	Prod	Stks	BA	Cds	Mbf
11	quaking aspen	2	3	40	152	0
20	balsam fir	2	3	10	38	0
21	white spruce	2	2	10	27	0
Total.....					217	0

Species		PARTIAL CUT VOLUME				
Code	Desc.	Prod	Stks	BA	Cds	Mbf

Stand Sheet - FMD Operations Inventory System

Print Date: 07/30/2009

Prepared By: _____ Date: _____ Forest: Compartment: Stand:
 Town: _____ Range: _____ Section: _____ Sub: _____

<input type="text" value="54"/> Forest	<input type="text" value="60"/> Cnty	<input type="text" value="4"/> Compartment	<input type="text" value="33"/> Stand	<input type="text" value="48"/> Std Area	<input type="text" value="1"/> Area Class	<input type="text" value="2"/> Infl Zone	<input type="text" value="2003"/> Data Year	<input type="text" value="1"/> Data Source	<input type="text" value="0"/> FDF Code					
<input type="text" value="A"/> Cov Type	<input type="text" value="5"/> Size Den	<input type="text" value="5"/> Std Cond	<input type="text" value="0"/> Meth Cut	<input type="text" value="0"/> Merch	<input type="text" value="1"/> Trmt Period	<input type="text" value="0"/> Repro Stat	<input type="text" value="A"/> Mgt Obj	<input type="text" value="0"/> Cultural Need	<input type="text" value="0"/> Cultural Meth	<input type="text" value="0"/> Cultural Pri	<input type="text" value="0"/> TSI BA	<input type="text" value="0"/> Harv Cut Pri	<input type="text" value="60"/> Total BA	<input type="text" value="7"/> Ave DBH
<input type="text" value="A"/> Understory Type	<input type="text" value="2"/> Stocking	<input type="text" value="0"/> Eros Haz	<input type="text" value="0"/> Watershed Trtmt	<input type="text" value="0"/> Spec Mgt Potnl	<input type="text" value="0"/> Spec Wild Practice	<input type="text" value="4"/> Grnd Cov	<input type="text" value="118"/> Soil Type	<input type="text" value="0"/> Insect Dis	<input type="text" value="11"/> Site Species	<input type="text" value="1956"/> Year Orig	<input type="text" value="53"/> Site Index			

Meets Silv. Criteria? N

Species		TOTAL VOLUME				
Code	Desc.	Prod	Stks	BA	Cds	Mbf
11	quaking aspen	2	3	60	576	0
Total.....					576	0

Species		PARTIAL CUT VOLUME				
Code	Desc.	Prod	Stks	BA	Cds	Mbf

Comp 25

McMurphy Rd

Stand Sheet - FMD Operations Inventory System Print Date: 07/30/2009

Prepared By: _____ Date: _____ Forest: Compartment: Stand:

Town: _____ Range: _____ Section: _____ Sub: _____

Forest Cnty Compartment Stand Std Area Area Class Infl Zone Data Year Data Source FDF Code

Cov Type Size Den Std Cond Meth Cut Merch Trmt Period Repro Stat Mgt Obj Cultural Need Meth Pri TSI BA Harv Cut Pri Total BA Ave DBH

Understory Type Stocking Eros Haz Watershed Trmt Spec Mgt Potnl Spec Wild Practice Grnd Cov Soil Type Insect Dis Site Species Year Orig Site Index

Meets Silv. Criteria?

Species		TOTAL VOLUME				
Code	Desc.	Prod	Stks	BA	Cds	Mbf
12	big tooth aspen	2	3	60	684	0
8	red oak	1	2	10	0	34
Total.....					684	34

Species		PARTIAL CUT VOLUME				
Code	Desc.	Prod	Stks	BA	Cds	Mbf

2009 Field Comments:
 Mature aspen stand.
 Leave scattered oak and pine. Acceptable regeneration – mix of aspen, oak, and red maple.

Stand 62
 1964 YOO
 57 acres

Stand Sheet - FMD Operations Inventory System

Print Date: 07/30/2009

Prepared By: _____ Date: _____ Forest: Compartment: Stand:
 Town: _____ Range: _____ Section: _____ Sub: _____

Forest Cnty Compartment Stand Std Area Area Class Infl Zone Data Year Data Source FDF Code

Cov Type Size Den Std Cond Meth Cut Merch Trmt Period Repr Stat Mgt Obj Cultural Need Meth Pri TSI BA Harv Cut Pri Total BA Ave DBH

Understory Type Stocking Eros Haz Watershed Trmt Spec Mgt Potnl Spec Wild Practice Grnd Cov Soil Type Insect Dis Site Species Year Orig Site Index

Meets Silv. Criteria?

Species Code	Species Desc.	TOTAL VOLUME				
		Prod	Stks	BA	Cds	Mbf
12	big tooth aspen	2	3	40	784	0
Total.....					784	0

Species Code	Species Desc.	PARTIAL CUT VOLUME				
		Prod	Stks	BA	Cds	Mbf

Stand Sheet - FMD Operations Inventory System

Print Date: 07/30/2009

Prepared By: _____ Date: _____ Forest: Compartment: Stand:
 Town: _____ Range: _____ Section: _____ Sub: _____

Forest Cnty Compartment Stand Std Area Area Class Infl Zone Data Year Data Source FDF Code

Cov Type Size Den Std Cond Meth Cut Merch Trmt Period Repr Stat Mgt Obj Cultural Need Meth Pri TSI BA Harv Cut Pri Total BA Ave DBH

Understory Type Stocking Eros Haz Watershed Trmt Spec Mgt Potnl Spec Wild Practice Grnd Cov Soil Type Insect Dis Site Species Year Orig Site Index

Meets Silv. Criteria?

Species Code	Species Desc.	TOTAL VOLUME				
		Prod	Stks	BA	Cds	Mbf
12	big tooth aspen	2	3	40	232	0
Total.....					232	0

Species Code	Species Desc.	PARTIAL CUT VOLUME				
		Prod	Stks	BA	Cds	Mbf