



## GROSSMAN FORESTRY COMPANY Consulting Foresters

1013 S. Newberry Ave. \* P.O. Box 426 \* Newberry, Michigan 49868

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Gerald H. Grossman  
Phone: (906) 293-8707  
Fax: (906) 293-8198

E-mail: [gfc@up.net](mailto:gfc@up.net)  
Web: [www.grossmanforestry.com](http://www.grossmanforestry.com)

Hiawatha Sportsman's Club  
Mr. Lester Livermore, Manager  
N7269 Lake Blvd.  
Engadine, MI 49827

January 2, 2008

Dear Lester:

2007 was another EXTREMELY busy year for the natural resources committee (this is starting to sound like a "broken record.") Forest Health issues continue to dominate our agenda.

### **2007 Highlights:**

- Accelerated beech salvage operations in response to beech bark disease. We should complete all beech salvage operations during 2008.
- Responded to Jack Pine Budworm outbreak
  - Salvage harvests completed.
  - Re-forestation plans developed and implemented.
- Continued with our annual inventory program.
- Oak establishment/beech bark policy implementation is progressing as planned.
- Supported other committees (mapping and data management services).
- Conducted natural resources committee tour on 8/8/2007.
- Enrolled in the Michigan Forest Carbon Offset and Trading Program.

### **2007 Harvest summary:**

- Total acres harvested (habitat created) = 544 acres  
Select cut = 256 acres, Modified clear cut = 288 acres
- Average acres per modified clear cut = 19 acres.
- 2007 harvest was 10,781 cords and 245 MBF (total volume all products – 11,271 cds)
  
- Timber revenue for 2007 = \$272,110.03
- Management expenses = \$15,684.20.
- Management expenses were 5.8% compared to a standard of 20%.

## 2007 Challenges & Preliminary plans

- Continue with accelerated aspen regeneration program as approved by the Board. It should be noted that the 1997 Natural Resources Committee recommended that at least 50% of the additional revenue be added to the contingency fund, to help off-set the revenue decrease when the accelerated program ends.
- Maintain support for planting where natural regeneration has failed, in cooperation with wildlife committee.
- **The summer drought of 2005/2006 has had a devastating impact on the acres scarified in 2003. We will need to monitor carefully and begin plans for jack pine re-establishment on these sites in 2008.**
- Maintain support of the Membership & Board for beech bark disease policy (based on aggressive oak establishment).
  - Release established plantation.
  - Continue commercial acorn plantings – after drought has broken.
  - Move existing natural regeneration with spade.
- Continue with established programs (inventory, harvesting, planting etc).

Long-term harvest history:

Period	Avg. Yearly Acres harvested	Avg. Yearly # Cords
1978 - 1982	430	5,000
1983 - 1987	150	2,000
1988 - 1992	352	5,580
1993 - 1997	233	3,855
1998 - 2002	442	8,652
2003 - 2007	699	13,066
<b>1978 - 2007</b>	<b>384</b>	<b>6,359</b>

Please call or write if you have any questions.

Sincerely,  
 /s/ *Gerald Grossman*  
 Gerald Grossman, ACF & CF  
 Registered Forester #567

CC: Natural Resources Committee

Attachments:

HSC 16 year Summary and 16 Year Averages 1992-2007  
 HSC 2007 Summary  
 2007 HSC Management Expenses  
 2007 Reforestation Expenses

<b>HSC 16 year Summary and 16 Year Averages 1992-2007</b>							
	Total	MCC	Select	Total	MGT	Gross	Gross
Year	Cords	Acres	Acres	Acres	Exp.	Rev.	Rev./acre
1992	4,913	196	65	261	\$6,331.04	\$33,042.46	\$126.60
1993	3,508	215	62	277	\$4,933.83	\$29,953.67	\$108.14
1994	3,056	109	37	146	\$4,954.08	\$24,899.49	\$170.54
1995	4,714	199	58	257	\$6,876.82	\$68,360.82	\$266.00
1996	3,705	108	95	203	\$6,198.90	\$75,704.00	\$372.93
1997	4,292	197	87	284	\$5,729.85	\$92,414.66	\$325.40
1998	5,181	212	103	315	\$11,174.50	\$136,143.43	\$432.20
1999	9,954	455	44	499	\$12,769.00	\$303,411.45	\$608.04
2000	9,532	419	24	443	\$10,427.45	\$214,643.43	\$484.52
2001	10,541	492	79	571	\$14,978.25	\$212,285.94	\$371.78
2002	8,051	349	33	382	\$11,053.00	\$150,884.81	\$394.99
2003	12,959	814	190	1,004	\$18,000.50	\$353,811.73	\$352.40
2004	12,953	530	76	606	\$19,780.90	\$421,234.60	\$695.11
2005	11,166	340	136	476	\$33,181.38	\$281,458.85	\$591.30
2006	16,979	265	601	866	\$21,899.93	\$484,429.20	\$559.39
2007	11,271	288	256	544	\$15,684.20	\$272,110.03	\$500.20
Avg.	8,298	324	122	446	\$12,748.35	\$197,174.29	

Additional expenses include reforestation and outreach.

<b>HSC 2007 Summary</b>		
	Acres	Acres
Sale	MCC	Select
4-02 West Mile Creek	28	
	18	
5-04 S-trail Hwd	4	130
7-04 Peterson Hwd		126
6-05 JP Cold Creek	20	
7-06 Dan's aspen ' 07	26	
9-06 Olson Camp Aspen	13	
	32	
	13	
	3	
1-07 West of Polegate ' 07	11	
	6	
	9	
3-07 North E-trail	28	
	4	
2-07 South E-trail	73	
<b>TOTAL</b>	<b>288</b>	<b>256</b>

Average Modified Clear Cut 2007=	19
Total Acres Harvested 2007=	544

Date	F & G GIS/Data	Forest Inventory	Sale Prep.	Sale Insp.	Sale Admin.	General Admin.	Meetings	Reports	Paint	Color Copies	TOTAL
January	0.00	0.00	4.50	1.50	2.00	1.00	0.00	2.50	\$8.86	\$25.00	\$631.86
February	0.00	5.00	1.00	7.00	1.75	2.00	0.00	0.00	\$0.00	\$0.00	\$871.00
March	0.00	8.00	7.50	4.25	0.75	0.75	1.00	0.00	\$4.43	\$35.91	\$1,197.34
April	3.50	1.00	0.00	0.00	0.00	3.75	4.50	0.00	\$0.00	\$0.00	\$663.00
May	0.00	2.50	9.50	1.50	0.00	4.75	5.50	2.50	\$23.79	\$107.00	\$1,495.79
June	0.00	0.25	37.25	2.25	0.50	0.00	3.25	0.00	\$72.74	\$6.00	\$2,340.74
July	0.00	1.00	3.75	3.75	0.25	1.75	0.00	0.00	\$0.00	\$38.00	\$584.00
August	0.00	1.00	0.00	0.25	3.50	6.75	6.00	0.00	\$0.00	\$186.37	\$1,113.87
September	0.00	0.00	24.75	5.00	0.00	0.00	0.00	0.00	\$77.81	\$0.00	\$1,624.81
October	1.00	2.50	53.00	4.50	1.75	7.25	2.50	0.00	\$67.83	\$38.00	\$3,948.33
Nov-Dec	0.00	1.75	5.50	5.50	1.75	4.00	0.00	4.00	\$17.96	\$3.00	\$1,213.46
											\$0.00
											0
	<b>4.50</b>	<b>23.00</b>	<b>146.75</b>	<b>35.50</b>	<b>12.25</b>	<b>32.00</b>	<b>22.75</b>	<b>9.00</b>	<b>\$273.42</b>	<b>\$439.28</b>	<b>\$15,684.20</b>

2007 Reforestation Expenses			
Nolta planting (LIP)	Mixed		\$1,330.80
Nolta planting & trees	JP		\$9,204.00
<b>TOTAL 2007</b>			<b>\$10,534.80</b>

The 2005 & 2006 drought has created additional re-forestation liability that won't be fully known until 2008.