



GROSSMAN FORESTRY COMPANY Consulting Foresters

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

January 2, 2009

Dear Lester:

2008 was another EXTREMELY busy year for the natural resources committee.

2008 Highlights:

- Completed majority of accelerated beech salvage operations in response to beech bark disease.
- Completed Jack Pine planting liability from previous Jack Pine Budworm outbreak
 - 146 acres planted with 115,200 trees at a cost of \$43,842.00.
- Had first sale of carbon credits on Chicago Climate Exchange.
- Continued with our annual inventory program.
- Oak establishment/beech bark policy implementation is progressing as planned.
- Supported other committees (mapping and data management services).

2008 Harvest summary:

- Total acres harvested (habitat created) = 492 acres
Select cut = 102 acres, Modified clear cut = 390 acres
- Average acres per modified clear cut = 26 acres.
- 2008 harvest was 9,582 cords and 104 MBF (total volume all products – 9,790 cds)

- Timber revenue for 2008 = \$214,007.88.
- Management expenses = \$16,123.31 (excludes carbon work).
- Management expenses were 7.5% compared to a standard of 20%.

2009 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 when natural regeneration has failed, in cooperation with wildlife committee.
- Develop plan to mitigate negative impact of deer browse in upland hardwood stands.
- 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 - 2008	665	12,520
1978 - 2008	388	6,469

Carbon Sequestration History:

Year	Credits (mT)	Salable Credits (mT)
2008	118,656	94,339

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 17 year Summary and 17 Year Averages 1992-2008
 HSC Carbon Sequestration History
 HSC 2008 Summary
 2008 HSC Management Expenses
 2008 Reforestation Expenses

HSC 17 year Summary and 17 Year Averages 1992-2008							
	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
2008	9,790	390	102	492	\$16,123.31	\$214,007.88	\$434.98
Avg.	8,386	328	120	449	\$12,946.88	\$198,164.50	

Additional expenses include reforestation and outreach.

Carbon Sequestration History:

Year	Credits (mT)	Salable Credits	Gross Rev	Net from Delta	Mgt Exp
2008	118,656	94,339	\$319,802.8	\$246,314.6	\$2,463.1

HSC 2008 Summary		
	Acres	Acres
Sale	MCC	Select
2-01 Polegate winter aspen	7	
	4	
	47	
2-04 H-40 winter aspen	28	
7-04 Peterson Hwd.		85
1-07 West of Polegate '08	18	
	12	
	1	
		8
2-08 A-B aspen	51	
3-08 Sec 27 aspen	51	
4-08 B-trail aspen	60	
	15	
6-08 North Club aspen	26	
7-08 Grade Patch Aspen	27	
9-08 South A aspen		6
	12	
		3
	31	
TOTAL	390	102

Average Modified Clear Cut 2008=	26
Total Acres Harvested 2008=	492

Date	F & G GIS/Data	Forest Inventory	Sale Prep.	Sale Insp.	Sale Admin.	General Admin.	Meetings	Reports	Paint	Color Copies	TOTAL
Jan	0.00	3.50	15.50	11.50	2.00	0.75	2.50	0.50	\$34.52	\$5.00	\$1,960.77
Feb	2.50	2.50	8.00	9.00	1.75	0.25	0.50	0.00	\$17.96	\$5.00	\$1,321.46
March	0.00	0.50	4.00	2.50	1.50	0.00	0.00	0.00	\$22.45	\$0.00	\$472.95
April	0.00	2.00	1.00	1.25	2.25	1.50	2.25	3.00	\$0.00	\$2.00	\$704.25
May	6.00	2.50	15.50	1.00	1.00	3.75	3.00	0.50	\$47.50	\$25.00	\$1,834.75
June	0.75	1.50	0.00	2.00	0.50	4.00	4.00	0.00	\$0.00	\$0.00	\$675.75
July	4.50	7.00	6.00	0.25	0.75	13.25	3.25	0.00	\$124.00	\$14.00	\$2,063.00
Aug	0.00	1.00	13.50	2.50	0.75	3.00	0.00	0.00	\$28.00	\$6.00	\$1,175.25
Sept	0.75	9.00	21.50	7.50	1.00	6.25	0.00	0.00	\$66.63	\$8.00	\$2,604.63
Oct	0.00	0.00	0.25	7.50	0.75	0.75	0.00	0.00	\$0.00	\$2.00	\$510.75
Nov	0.00	1.25	4.00	2.00	0.50	0.75	0.00	0.00	\$0.00	\$1.00	\$468.50
Dec	0.00	1.25	28.50	3.75	1.75	1.50	0.00	4.00	\$79.00	\$11.00	\$2,331.25
	14.50	32.00	117.75	50.75	14.50	35.75	15.50	8.00	\$420.06	\$79.00	\$16,123.31

2008 Reforestation Expenses		
	Acres	
Holli Site Prep.	154	\$11,010.00
Nolta planting & trees	JP	\$32,832.00
TOTAL 2008		\$43,842.80