



GROSSMAN FORESTRY COMPANY Consulting Foresters

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

December 28, 2011

Dear Lester:

2011 was another busy year for the natural resources committee.

2011 Highlights:

- Continued with our annual inventory program.
- Supported other committees (mapping and data management services).

2011 Harvest summary:

- Total acres harvested (habitat created) = 414 acres
Select cut = 110 acres, Modified clear cut = 304 acres
- Average acres per modified clear cut = 15 acres.
- 2011 harvest was 7,873 cords and 21 MBF (total volume all products – 7,916 cds)

- Timber revenue for 2011 = \$195,341.38.
- Management expenses = \$18,540.09.
- Management expenses were 9.5% compared to a standard of 20%.

2011 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.
- 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
2008 - 2011	445	8,660
1978 - 2011	392	6,629

Carbon Sequestration History:

Year	Credits (mT)	Salable Credits (mT)
2008	118,656	94,339
2009	153,812	60,973

Data after 2009 is not available. We are evaluating other options for carbon markets, but for now we are in a wait and see mode.

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 20 year Summary and 20 Year Averages 1992-2011
 HSC Carbon Sequestration History
 HSC 2011 Summary
 2011 HSC Management Expenses

HSC 20 year Summary and 20 Year Averages 1992-2011							
	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
2009	8,855	334	189	523	\$11,830.44	\$182,450.42	\$348.85
2010	8,422	338	14	352	\$13,085.13	\$163,795.97	\$465.33
2011	7,916	304	110	414	\$18,540.09	\$195,341.38	\$471.84
Avg.	8,371	328	118	446	\$13,177.63	\$195,161.18	

Additional expenses include reforestation and outreach.

Carbon Sequestration History:

Year	Credits (mT)	Reserve Account	Salable Credits	Gross Rev	Net from Delta	Mgt Exp
2008	118,656	23,731	94,339	\$319,802.86	\$246,314.62	\$2,463.15
2009	153,812	15,243	60,972			

TOTAL RESERVE	38,974
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Data after 2009 is not available. We are evaluating other options for carbon markets, but for now we are in a wait and see mode.

SALE	TYPE	ACRES
3-04 F-trail aspen	MCC	30
2-05 Sec 13 sale	MCC	31
1-09 Oleson winter aspen	MCC	52
1-11 Sec 9 aspen	MCC	8
	MCC	7
	MCC	10
	MCC	29
	MCC	10
	MCC	5
2-11 B-trail Aspen	MCC	12
	MCC	29
	THIN	1
3-11 North Club Sale	MCC	10
	THIN	9
	MCC	1
4-11 Alt A	MCC	4
	THIN	52
	THIN	15
	MCC	5
	THIN	16
5-11 N-trail	MCC	36
	MCC	8
6-11 C-trail	MCC	10
	MCC	5
	THIN	3
10-11 Alt A - 2	MCC	2
	THIN	14
TOTAL		411

The average modified clear cut unit was 15.1 acres

The average thinning unit was 15.7 acres.

Date	F & G GIS/Data	Forest Inventory	Sale Prep.	Sale Inspection	Sale Admin.	General Admin.	Meetings	Reports	Carbon	Paint	EXP.	TOTAL
Jan	0.00	1.25	5.00	6.50	2.25	0.25	0.00	0.00	0.00	\$0.00	\$61.00	\$915.00
Feb	0.00	1.00	0.00	0.75	1.00	0.75	0.00	0.00	0.00	\$0.00	\$0.00	\$196.00
March	0.00	0.00	7.00	0.75	1.00	0.50	1.75	0.00	1.00	\$30.70	\$5.00	\$707.70
April	1.50	3.25	0.00	0.00	1.50	3.00	5.00	0.00	1.75	\$0.00	\$4.00	\$900.00
May	2.00	6.25	26.25	7.75	2.50	1.25	0.00	0.00	3.00	\$84.94	\$7.00	\$2,835.94
June	0.00	0.00	19.50	3.25	1.00	1.50	3.00	0.00	2.25	\$108.28	\$7.00	\$1,823.28
July	0.00	3.00	3.25	5.50	0.75	1.50	3.00	0.00	0.50	\$18.42	\$0.00	\$998.42
Aug	0.00	5.25	11.50	2.50	1.25	13.75	0.00	0.00	0.00	\$34.51	\$87.00	\$2,073.76
Sept	0.00	1.50	8.50	0.50	5.75	5.25	2.00	0.00	0.00	\$20.15	\$9.00	\$1,368.65
Oct	0.00	8.00	18.50	6.00	1.25	7.25	2.00	0.00	0.00	\$61.19	\$379.68	\$2,891.87
Nov	0.00	1.25	31.25	3.25	2.50	0.75	0.00	0.00	0.00	\$99.53	\$2.00	\$2,324.53
Dec	0.00	0.75	17.00	1.50	0.50	4.25	1.50	0.00	0.00	\$47.44	\$4.00	\$1,504.94
	3.50	31.50	147.75	38.25	21.25	40.00	18.25	0.00	8.50	\$505.16	\$565.68	\$18,540.09