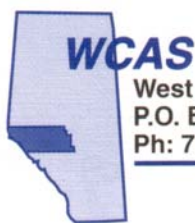


HINTON PULP
A DIVISION OF WEST FRASER MILLS LIMITED
Continuous Ambient Air Quality
Monitoring Program
Annual Summary for 2008

Operations and Data Collection by:
West Central Airshed Society
Drayton Valley, Alberta

QA/QC, Data Validation and Reporting by:
West Central Airshed Society
Drayton Valley, Alberta



West Central Airshed Society
P.O. Box 7421, Drayton Valley, Alberta T7A 1S6
Ph: 780-514-3533 • Fax: 780-514-3563 • www.wcas.ca

February 20th, 2009

Hinton Pulp
A Division of West Fraser Mills Ltd.
Mr. Hercules Georgiadis
760 Switzer Drive
Hinton, Alberta
T7V 1V7

Dear Mr. Georgiadis:

Re: Annual Ambient Air Quality Monitoring Report. January – December 2008.
For Hinton Pulp – A Division of West Fraser Mills Ltd.

The West Central Airshed Society (WCAS) presents the 2008 Annual Report containing ambient air quality and meteorological information from the following site:

Network Station is AMS 906 Hinton
Identified as:

WCAS data collection and validation began January 1, 2004. The following is a list of the reported ambient air and meteorological parameters measured at the site location:

AMS 906 (Hinton)

TRS, Particulate Matter (10 microns), Wind Speed and Direction, Relative Humidity, and External Temperature.

If additional information is required please contact Patrick Andersen at (780) 514-3533 or (403) 505-1041.

Sincerely,

Patrick Andersen
Environmental Specialist

Hinton Pulp
A Division of West Fraser Mills Limited
Frequency Distribution Charts
Wind Speed and Direction
Year 2008

West Central Airshed Society - Hinton (AMS 906)
 Annual Summary for 2008
 Percentage Frequency Distribution of Wind

Speed (kph)							
Direction	>1 to 5	>5 to 11	>11 to 19	>19 to 28	>28 to 38	>38	Totals
North	4.68	0.36	-	-	-	-	6.74
NorthEast	11.57	-	-	-	-	-	14.43
East	8.56	0.08	-	-	-	-	11.31
SouthEast	3.14	0.38	-	-	-	-	5.01
South	4.41	0.49	-	-	-	-	5.86
SouthWest	14.29	11.47	1.26	-	-	-	28.07
West	15.30	1.97	0.05	-	-	-	18.57
NorthWest	6.39	1.73	0.24	-	-	-	10.00
Totals	68.34	16.53	1.59	-	-	-	86.47

Percent Calm	13.53
Number of Data Values	8778
Hours in Time Period	8784

Hinton Pulp
A Division of West Fraser Mills Limited
Frequency Distribution Charts
Total Reduced Sulfur Monthly Averages
Year 2008

West Central Airshed Society - Hinton (AMS 906)
 Annual Summary for 2008
 TRS (ppb)

Month	Number of Data	Operational Time (%)	Mean	Maximum 1-Hour Value	Number 1-Hour Exceedances*	Maximum 24-Hour Value	Number 24-Hour Exceedances*	Percent of Data in each Concentration Range			
								<=3	>3-10	>10-50	>50
January	708	99.9	1.5	10.2	0	2.6	0	93.2	6.6	0.1	0.0
February	664	100.0	1.7	8.4	0	4.0	0	89.0	11.0	0.0	0.0
March	710	100.0	1.1	23.7	1	2.0	0	97.8	2.1	0.1	0.0
April	687	100.0	1.1	5.5	0	1.8	0	97.4	2.6	0.0	0.0
May	710	100.0	0.9	10.4	0	1.3	0	99.2	0.7	0.1	0.0
June	658	97.9	0.5	8.5	0	1.6	0	98.8	1.2	0.0	0.0
July	710	100.0	0.9	14.1	1	2.1	0	96.1	3.8	0.1	0.0
August	705	99.7	0.5	9.3	0	1.3	0	96.0	4.0	0.0	0.0
September	686	100.0	1.2	5.1	0	2.0	0	97.4	2.6	0.0	0.0
October	710	100.0	0.6	3.2	0	1.2	0	99.7	0.3	0.0	0.0
November	686	100.0	0.6	6.1	0	1.9	0	97.5	2.5	0.0	0.0
December	710	100.0	0.4	6.5	0	2.2	0	98.7	1.3	0.0	0.0
Annual	8333	99.8	0.9	23.7	2	4.0	0	96.8	3.2	0.1	0.0

* Hours of TRS above 10 ppb H₂S Hourly Average Guideline.

Hinton Pulp
A Division of West Fraser Mills Limited
Frequency Distribution Charts
PM₁₀ Monthly Averages
Year 2008

West Central Airshed Society - Hinton (AMS 906)
 Annual Summary for 2008
 PM10 (ppm)

Month	Number of Data	Operational Time (%)	Mean	Maximum 1-Hour Value	Number 1-Hour Violations	Maximum 24-Hour Value	Number 24-Hour Violations
January	740	99.5	30.1	467.6	0	107.1	0
February	692	100.0	24.0	244.9	0	76.8	0
March	741	99.6	62.5	702.2	0	127.5	0
April	716	100.0	32.7	595.2	0	82.8	0
May	740	99.9	31.9	363.7	0	81.7	0
June	716	100.0	33.0	700.4	0	94.2	0
July	740	99.5	17.6	580.2	0	89.6	0
August	735	99.7	29.8	430.8	0	70.9	0
September	715	99.3	38.3	610.2	0	96.2	0
October	740	100.0	55.9	655.0	0	153.2	0
November	716	99.5	48.6	441.5	0	129.4	0
December	744	100.0	21.7	709.8	0	200.5	0
Annual	8735	99.7	35.6	709.8	0	200.5	0

Hinton Pulp
A Division of West Fraser Mills Limited
Frequency Distribution Charts
Meteorological Measurements
Year 2008

Summary Report*Continuous air quality/meteorological monitoring measurements***West Central Airshed Society****Hinton Pulp / Hinton
Station 906****January to December 2008**

Parameter	Calibration Hours	Number of Data	Percent Uptime	Mean	Min	Max	-----	-----	Percentile		-----	-----
							P10	Q1	Median	Q3	P90	
TRS (ppb)	434	8333	99.8	0.9	0.0	23.7	0.4	0.5	0.7	1.1	1.8	
Particulate Matter 10 microns (μm^3)	26	8735	99.7	35.5	0.0	709.8	5.1	10.0	20.8	41.1	79.0	
Wind Speed (kph)	0	8779	99.9	3.1	0.0	19.4	0.4	0.9	2.1	4.4	7.3	
Temperature ($^{\circ}\text{C}$)	0	8701	99.9	3.2	-40.0	33.7	-6.9	-1.7	3.3	8.5	12.6	
Relative Humidity (%)	0	8772	99.9	57.4	-6.0	91.8	26.1	38.8	59.7	77.8	85.0	
Std Dev Wind Direction (deg)	0	8779	99.9	53.8	0.0	116.6	30.7	38.9	49.7	66.8	84.8	
Std Dev Wind Speed (kph)	0	8779	99.9	2.5	0.0	10.0	0.9	1.2	2.0	3.3	5.0	