



December 18, 2007

Mr. Mike McLaws
Lafarge Canada Inc.
10511, 15th St. S.E.
Calgary, Alberta
T2H 2H5

Re: Noise Monitoring for Lafarge – Stoney Trail

Dear Sir;

Attached are results of the monitoring for the period November 1 – 30, 2007 for noise and TSP and PM2.5 particulate. A B&K model 2236 meter was used for noise, and the Aerometrics Minivol model for particulate. Winds were measured with a R.M. Young Model 5103 anemometer. Precipitation was recorded with a Texas Instruments model TE25M rain gauge.

Data collection was 100% for all parameters during the monitoring period.

There were no exceedances of the city of Calgary noise bylaw.

There were no exceedances of the Alberta Air Quality Objectives for TSP. There were no Exceedances of the Canada Wide Standard for PM2.5 particulate.

Please call if there are any questions regarding the results.

Yours truly,

PROMET ENVIRONMENTAL GROUP LTD.

A handwritten signature in black ink, appearing to read "Bill Murray". The signature is fluid and cursive, with a long horizontal stroke at the end.

Dr. William (Bill) Murray
President

WM/kt
Enc.

PROMET

MONTHLY REPORT SUMMARY

Stoney Trail

Lafarge Canada Inc.

Name/Location

Company

November 2007

Monitoring Period

Continuous Ambient Monitoring				
Parameter	% Time Operational	Average	Maximum	Number of Hours above Bylaw Limit for Industrial Area
Sound dB A	100%	38	48	0
PM2.5	100%	5	9	0
TSP	100%	34	76	0
Wind km/h	100%	13 km/h	37	-
Precipitation	100%	0	7	-
Trailer Temperature	100%	0	17	-

Sound level is analyzed only for wind speed less than 11 km/h and precipitation less than 3 mm/hour

COMMENTS:

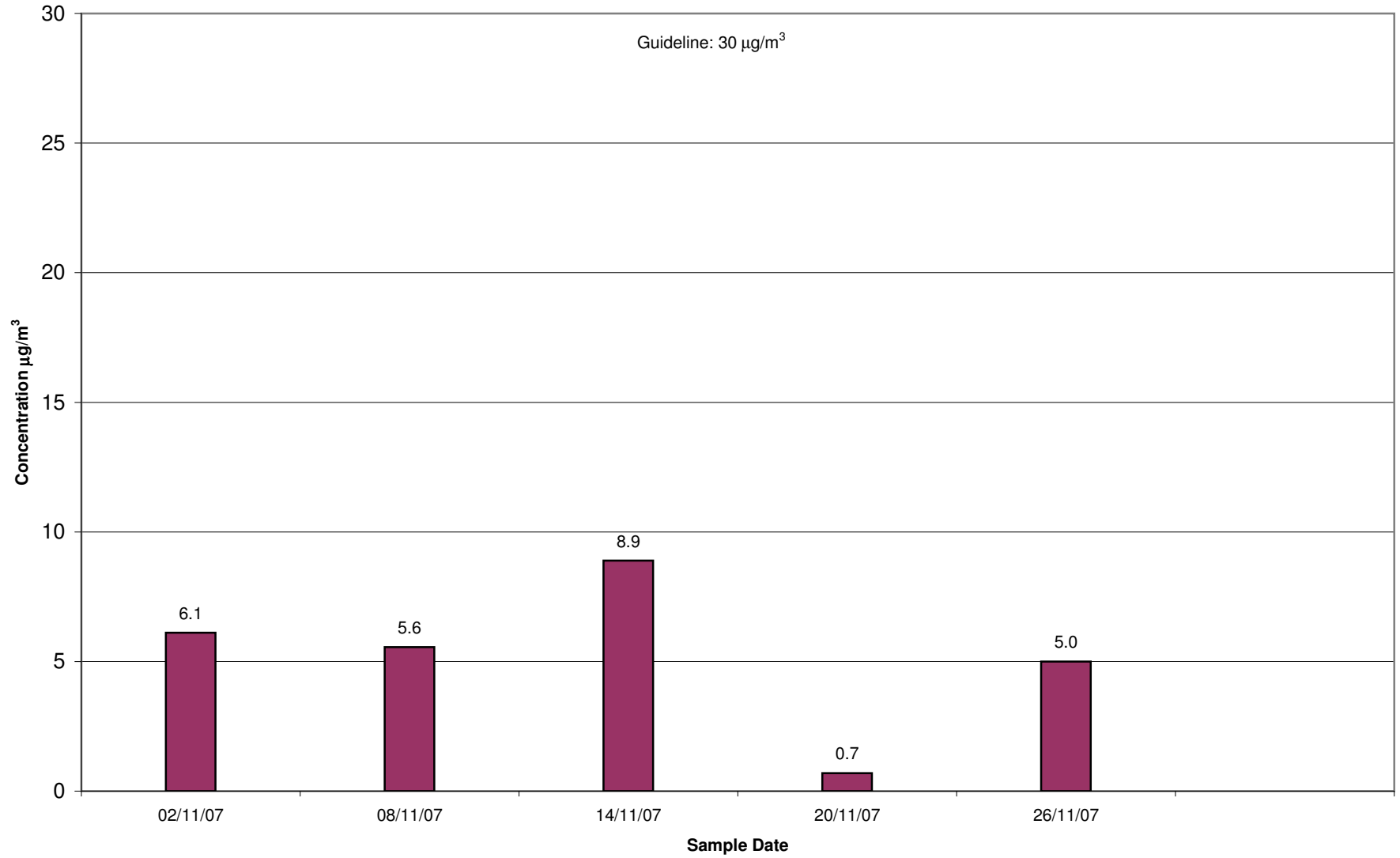
The noise regulation is 85 dB A . However, the reading is not an exceedance if it is less than 5 dB above the ambient noise level.

The PM2.5 Standard is 30 $\mu\text{g}/\text{m}^3$ for the day.

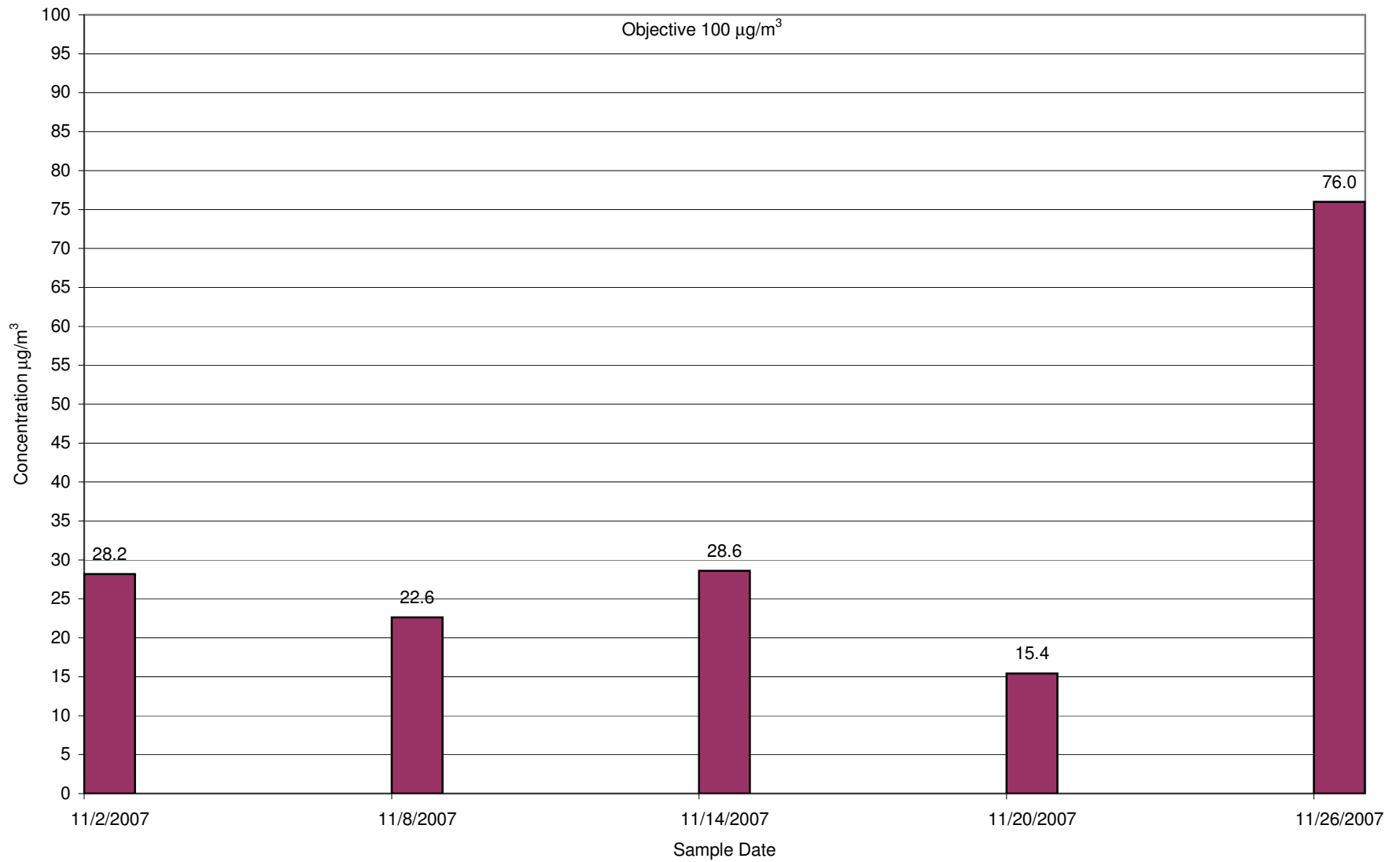
The TSP Objective is 100 $\mu\text{g}/\text{m}^3$ for the day.

One 24 hour sample of PM2.5 and TSP is taken every 6th day following the federal NAPS schedule.

PM2.5 at Lafarge Stoney Trail November 2007



TSP at Lafarge Stoney Trail, November 2007



FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION

Lafarge Canada Inc.

Stoney Trail

STATION 620

NOV 2007

SPEED [km/h]	WIND DIRECTION														TOTAL	PCT		
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW			NW	NNW
< .5																	1	0
1- 5	4	3	6	2	0	3	2	4	10	14	8	11	1	2	4	3	77	11
6- 11	16	17	17	11	5	8	7	15	19	23	29	19	16	16	17	20	255	35
12- 19	35	26	8	5	2	1	1	0	21	35	20	16	27	44	20	18	279	39
20- 28	18	10	7	1	0	0	0	0	9	0	0	4	17	30	3	1	100	14
29- 38	3	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	8	1
TOTAL	76	56	38	19	7	12	10	19	59	72	57	50	61	97	44	42	720	100
PERCENT	11	8	5	3	1	2	1	3	8	10	8	7	8	13	6	6		
AVERAGE	16	14	12	11	10	8	8	7	13	11	10	11	16	18	12	12	13	

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TRAILER TEMPERATURE
Lafarge Canada Inc.
Stoney Trail
STATION 620
NOV 2007

Day	Hour																								Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	4	3	3	2	2	2	3	3	3	2	3	4	4	6	7	6	7	5	3	2	2	2	2	2	3
2	2	1	1	1	1	1	1	1	1	3	4	7	7	8	9	9	8	6	3	0	-1	-1	-1	-2	3
3	-2	2	-2	-2	-2	-2	-1	-1	2	6	9	11	13	15	16	16	14	11	9	8	6	5	5	6	6
4	7	8	8	8	7	6	6	5	5	7	10	13	15	16	17	16	14	11	9	7	6	6	5	4	9
5	2	1	2	3	4	4	4	5	6	5	6	10	13	15	16	15	14	11	9	7	5	4	4	5	7
6	4	4	3	2	1	0	-1	-2	0	4	7	9	11	13	12	12	11	8	6	5	4	4	4	5	5
7	6	6	6	6	6	6	5	6	7	8	10	13	14	15	16	15	14	12	8	4	1	1	1	2	8
8	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	3	4	2	0	-1	-1	-1	0	0	1
9	-1	-2	-3	0	0	-2	-3	-4	-4	-4	-3	-2	0	1	3	5	5	3	1	0	0	0	0	-1	-1
10	-2	-2	-2	-3	-3	-5	-5	-6	-7	-7	-7	-7	-6	-6	-6	-7	-8	-8	-9	-9	-10	-10	-11	-12	-7
11	-12	-12	-13	-12	-12	-13	-13	-13	-12	-10	-7	-4	-2	-1	0	0	-2	-6	-9	-11	-13	-13	-12	-12	-9
12	-11	-11	-10	-10	-10	-11	-11	-10	-8	-6	-3	-1	-1	-1	-2	-3	-5	-8	-9	-9	-10	-10	-10	-9	7
13	-9	-10	-11	-12	-12	-13	-13	-13	-11	-8	-4	-2	1	2	3	2	-1	-4	-8	-9	-10	-10	-10	-10	-7
14	-10	-10	-10	-10	-10	-10	-10	-10	-10	-9	-8	-7	-5	-4	-5	-6	-6	-7	-7	-7	-7	-6	-6	-6	-8
15	-6	-6	-6	-6	-6	-7	-8	-8	-8	-6	-2	1	4	3	1	0	-2	-3	-4	-4	-5	5	-5	-5	-4
16	-5	-6	-7	-7	-7	-7	-7	-7	-6	-5	-2	1	3	4	5	7	7	6	5	4	4	4	4	3	0
17	2	2	3	4	5	4	3	3	3	5	9	11	13	13	13	11	9	8	6	1	-1	3	-3	3	5
18	-4	-3	-3	-3	-3	-3	-3	-3	-3	-2	-1	0	1	1	1	0	0	-1	-1	-1	-1	0	1	5	-1
19	6	7	8	8	8	8	8	7	7	8	10	11	12	12	13	13	12	9	8	6	6	4	3	3	8
20	2	2	1	1	1	1	0	0	0	1	4	6	6	4	2	1	0	0	-1	-2	-3	-4	-4	-4	1
21	-4	-4	-4	-4	-5	-5	-5	-6	-6	-5	-5	-4	-4	-4	-4	-4	-4	-5	-5	-5	-5	5	-5	-5	-5
22	-6	-6	-6	-6	-6	-6	-6	-7	-7	-6	-6	-4	-3	-3	-1	-1	-1	-2	-3	-3	-5	-6	-6	-5	-5
23	-5	-4	-4	-3	-3	-3	-3	-5	-7	-7	-6	-5	-4	-4	-4	-4	-4	-5	-5	-6	-6	-6	-6	-5	5
24	-7	-7	-7	-8	-9	-9	-8	-7	-6	-4	-3	0	4	5	5	4	3	0	-1	-2	-3	-4	-5	-5	-3
25	-4	-4	-3	-3	-3	-2	-2	-1	-1	-1	0	0	2	3	1	-1	-2	-5	-6	-8	-8	9	-9	-10	-3
26	-10	-11	-11	-11	-11	-10	-10	-9	-8	-5	-3	0	2	5	5	4	1	-1	-3	-4	-4	-4	-4	4	-4
27	-3	-2	-2	-1	-1	-1	-2	-2	-2	0	2	5	7	8	8	7	5	4	4	5	5	6	6	6	2
28	6	5	5	4	4	4	3	2	1	2	3	6	7	8	9	8	6	3	1	0	-1	-2	-2	-2	3
29	-2	-2	-2	-3	-3	-3	-4	-4	-2	0	2	4	6	7	7	5	4	2	1	-1	-2	-2	-3	-2	0
30	-2	-1	-1	0	0	0	0	0	0	2	4	7	9	9	8	7	5	2	1	0	-1	-2	-2	-3	2
AVG	-2	-2	-2	-2	-2	-2	-3	-3	-3	-1	1	3	4	5	5	5	4	2	0	-1	-2	-2	-2	-2	-2
MAX	7	8	8	8	8	8	8	7	7	8	10	13	15	16	17	16	14	12	9	8	6	6	6	6	6
MIN	-12	-12	-13	-12	-12	-13	-13	-13	-12	-10	-8	-7	-6	-6	-6	-7	-8	-8	-9	-11	-13	-13	-12	-12	-12

Percent of time operational: 100
 Monthly Average: 0 Monthly Maximum: 17 M - missing data
 Monthly Minimum: -13