

## Hollinger Public Blast Report

**Blast Pattern:** 3382\_009  
**Date:** January 18, 2015  
**Blast Time:** 13:36  
**Blast Sign Activation:** 07:45  
**Website Notification Time:** 07:45

### Blast Conditions

Ceiling Height: 380 m  
 Boundary Layer Height: > 4000 m  
 Cloud Cover: 100% Overcast (Snow)  
 Wind Speed: 10 km/hr  
 Wind Direction: N  
 Temperature: -9.4 °C

### Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

#### **Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	60.9 L <sub>Aeq</sub>	110.2 dB
Edwards:	50.7 L <sub>Aeq</sub>	93.0 dB
Fred:	44.1 L <sub>Aeq</sub>	104.9 dB
Hollinger Office:	60.6 L <sub>Aeq</sub>	109.5 dB
Noah:	N/A L <sub>Aeq</sub>	N/A dB
Sandy:	61.5 L <sub>Aeq</sub>	92.6 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	56.0 L <sub>Aeq</sub>	105.7 dB

### Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	11.7	19.2	13.3	13.7
Edwards:	3.1	4.6	7.0	7.9
Hollinger Office:	7.1	11.8	9.7	12.2
Hollinger Park:	7.5	12.2	11.8	18.7
Sandy:	8.5	18.5	24.2	44.5

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### NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	0.4	0.6
Edwards:	1.9	2.7
Hollinger Office:	11.7	21.1
Hollinger Park:	6.6	11.0
Sandy:	2.7	3.8

### Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.5	0.6
Edwards Temp:	0.3	0.2	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.2	0.2	0.4
Sandy:	0.5	0.5	1.0
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.3	0.3	0.4