

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_072  
**Date:** January 16, 2015  
**Blast Time:** 11:40  
**Blast Sign Activation:** 07:45  
**Website Notification Time:** 07:30

### Blast Conditions

Ceiling Height: > 4000 m  
 Boundary Layer Height: 520 m  
 Cloud Cover: 0% Clear  
 Wind Speed: 6.7 km/hr  
 Wind Direction: W  
 Temperature: -22.7 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	54.1 L <sub>Aeq</sub>	107.1 dB
Edwards:	49.2 L <sub>Aeq</sub>	92.9 dB
Fred:	45.0 L <sub>Aeq</sub>	107.2 dB
Hollinger Office:	58.0 L <sub>Aeq</sub>	109.2 dB
Noah:	N/A L <sub>Aeq</sub>	N/A dB
Sandy:	60.0 L <sub>Aeq</sub>	103.1 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	53.3 L <sub>Aeq</sub>	108.6 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:	11.1	11.5	14.9	15.4
Edwards:	5.1	6.0	11.7	12.6
Hollinger Office:	6.0	6.6	12.6	14.0
Hollinger Park:	5.9	6.5	12.1	13.7
Sandy:	6.1	7.2	11.6	15.1

## Hollinger Public Blast Report

### 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:	0.9	1.3
Edwards:	3.8	5.8
Hollinger Office:	9.1	10.4
Hollinger Park:	11.9	17.6
Sandy:	7.9	14.7

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.2	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	3.2	3.5	4.8
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.8	0.9	0.8