

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_38B  
**Date:** December 21, 2014  
**Blast Time:** 13:37  
**Blast Sign Activation:** 07:00  
**Website Notification Time:** 07:00

### Blast Conditions

Ceiling Height: 700 m  
 Boundary Layer Height: 100  
 Cloud Cover: 100% Overcast  
 Wind Speed: 6 km/hr  
 Wind Direction: S  
 Temperature: -5.3°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:	50.3 L <sub>Aeq</sub>	98.1 dB
Edwards:	48.0 L <sub>Aeq</sub>	86.2 dB
Fred:	47.2 L <sub>Aeq</sub>	93.3 dB
Hollinger Office:	62.8 L <sub>Aeq</sub>	100.3 dB
Noah:	59.3 L <sub>Aeq</sub>	96.0 dB
Sandy:	65.3 L <sub>Aeq</sub>	102.1 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	54.7 L <sub>Aeq</sub>	101.2 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:	9.0	9.9	13.5	15.1
Edwards:	2.2	2.4	8.9	9.8
Hollinger Office:	3.3	3.7	9.4	11.2
Hollinger Park:	2.2	2.3	10.0	10.7
Sandy:	1.5	1.6	6.8	7.8

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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:	3.6	7.6
Edwards:	3.1	6.0
Hollinger Office:	7.2	15.0
Hollinger Park:	2.8	7.4
Sandy:	1.1	1.7

### 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:	0.2	0.2	0.3
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.2	0.2	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	1.8	1.9	2.8
Sandy:	9.0	4.9	7.7
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.5	0.4	0.9