

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_034  
**Date:** Nov 22, 2014  
**Blast Time:** 13:44  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 07:45

### Blast Conditions

Ceiling Height: 430 m  
 Boundary Layer Height: 540 m  
 Cloud Cover: 100% (Overcast)  
 Wind Speed: 12 km/hr  
 Wind Direction: SW  
 Temperature: 0.8 °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:	55.1 L <sub>Aeq</sub>	106.0 dB
Edwards:	57.4 L <sub>Aeq</sub>	99.0 dB
Fred:	46.8 L <sub>Aeq</sub>	109.4 dB
Hollinger Office:	55.0 L <sub>Aeq</sub>	107.4 dB
Noah:	60.7 L <sub>Aeq</sub>	106.3 dB
Sandy:	65.2 L <sub>Aeq</sub>	111.7 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	48.9 L <sub>Aeq</sub>	110.7 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:	28.6	29.6	33.8	35.3
Edwards:	20.7	21.8	45.0	48.2
Hollinger Office:	22.7	24.2	40.5	43.1
Hollinger Park:	17.0	18.0	44.1	45.3
Sandy:	16.7	18.5	46.7	51.1

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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:	0.8	1.1
Edwards:	8.1	18.7
Hollinger Office:	10.2	14.1
Hollinger Park:	4.9	7.2
Sandy:	3.1	3.3

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

**Vibration Alert: No exceedances recorded.**

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