

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_025  
**Date:** Oct 27, 2014  
**Blast Time:** 15:34  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 2370 m  
 Boundary Layer Height: 210 m  
 Cloud Cover: 100% (overcast)  
 Wind Speed: 8 km/hr  
 Wind Direction: SSE  
 Temperature: 2.1 °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:	57.9 L <sub>Aeq</sub>	97.9 dB
Edwards Temp:	48.4 L <sub>Aeq</sub>	101.8 dB
Fred:	48.2 L <sub>Aeq</sub>	97.7dB
Hollinger Office:	67.4 L <sub>Aeq</sub>	106.7 dB
Noah:	62.5L <sub>Aeq</sub>	101.8dB
Sandy:	57.0 L <sub>Aeq</sub>	101.8dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	55.3 L <sub>Aeq</sub>	103.8 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:	4.9	5.2	5.1	5.8
Edwards:	9.7	13.0	4.2	5.6
Hollinger Office:	7.3	14.7	8.5	25.2
Hollinger Park:	3.7	4.5	6.8	8.1
Sandy:	4.6	9.9	9.7	21.2

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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:	2.1	5.0
Edwards:	0.9	2.6
Hollinger Office:	26.9	70.7
Hollinger Park:	6.1	13.3
Sandy:	0.0	0.0

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.3
Edwards Temp:	0.5	0.4	0.4
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.8	0.6	0.9
Sandy:	1.8	1.1	3.0
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.6	0.5	0.5