

## Hollinger Public Blast Report

**Blast Pattern:** 3394\_Oversize  
**Date:** Oct 17, 2014  
**Blast Time:** 15:35  
**Blast Sign Activation:** 07:45  
**Website Notification Time:** 07:30

### Blast Conditions

Ceiling Height: 220 m  
 Boundary Layer Height: > 4000 m  
 Cloud Cover: 100% (overcast)  
 Wind Speed: 8 km/hr  
 Wind Direction: NW  
 Temperature: 6.9 °C

### Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

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

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

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

	$L_{Aeq}$	$L_{Peak}$
Comfort Inn:	58.4 $L_{Aeq}$	108.2 dB
Edwards Temp:	53.6 $L_{Aeq}$	110.2 dB
Fred:	50.1 $L_{Aeq}$	110.7 dB
Hollinger Office:	61.5 $L_{Aeq}$	116.4 dB
Noah:	64.9 $L_{Aeq}$	106.8 dB
Sandy:	57.0 $L_{Aeq}$	106.4 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	51.6 $L_{Aeq}$	103.7 dB

### Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.1	2.2	6.6	6.9
Edwards:	1.2	1.2	2.8	3.5
Hollinger Office:	0.8	0.9	3.6	4.0
Hollinger Park:	1.3	1.3	12.9	13.9
Sandy:	0.9	1.1	2.7	4.2

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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:	1.2	1.4
Edwards:	1.6	2.2
Hollinger Office:	3.0	5.1
Hollinger Park:	8.8	17.9
Sandy:	3.2	13.6

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

**Vibration Alert: No exceedances recorded.**

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