

## Hollinger Public Blast Report

**Blast Pattern:** 3364\_024, 3388\_027  
**Date:** Oct 18, 2014  
**Blast Time:** 11:35  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 07:30

### Blast Conditions

Ceiling Height: 450 m  
Boundary Layer Height: > 4000 m  
Cloud Cover: 100% (overcast)  
Wind Speed: 22 km/hr  
Wind Direction: N  
Temperature: 0.7 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	58.2 L <sub>Aeq</sub>	111.7 dB
Edwards Temp:	53.0 L <sub>Aeq</sub>	108.6 dB
Fred:	54.7 L <sub>Aeq</sub>	114.6 dB
Hollinger Office:	61.8 L <sub>Aeq</sub>	119.3 dB
Noah:	63.0 L <sub>Aeq</sub>	114.3 dB
Sandy:	57.1 L <sub>Aeq</sub>	110.4 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	58.9 L <sub>Aeq</sub>	115.7 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:	3.5	3.9	6.0	6.8
Edwards:	1.0	1.2	3.0	3.9
Hollinger Office:	1.4	1.5	4.5	7.7
Hollinger Park:	3.0	3.2	14.6	16.2
Sandy:	4.4	6.3	6.4	12.3

## 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:	0.1	0.3
Edwards:	0.8	1.1
Hollinger Office:	1.9	5.2
Hollinger Park:	2.9	4.6
Sandy:	1.2	2.7

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards Temp:	0.3	0.2	0.3
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.2	0.4
Imerys:	0.4	0.3	0.5
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.7	0.5	0.7
Sandy:	2.2	1.4	1.6
Water Tower:	Off (Due to construction work and painting)		
Wilson:	1.3	0.9	0.8