

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_031  
**Date:** Sept 12, 2014  
**Blast Time:** 15:33  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 1570 m  
 Boundary Layer Height: 1780 m  
 Cloud Cover: 75% (Cloudy)  
 Wind Speed: 4 km/hr  
 Wind Direction: NW  
 Temperature: 10.3 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	58.8 L <sub>Aeq</sub>	98.8 dB
Edwards:	52.4 L <sub>Aeq</sub>	102.7 dB
Fred:	49.0 L <sub>Aeq</sub>	97.4 dB
Hollinger Office:	64.5 L <sub>Aeq</sub>	102.5 dB
Noah:	61.6 L <sub>Aeq</sub>	98.8 dB
Sandy:	57.5 L <sub>Aeq</sub>	101.7 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	48.1 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:	3.0	3.1	10.7	11.4
Edwards:	4.4	6.1	10.2	15.8
Hollinger Office:	10.8	19.8	15.2	23.7
Hollinger Park:	8.5	11.6	23.7	30.4
Sandy:	2.9	4.1	7.7	11.8

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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:	1.5	9.6
Edwards:	1.7	2.7
Hollinger Office:	5.4	7.6
Hollinger Park:	4.7	9.1
Sandy:	3.1	9.7

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.5	0.4	0.6
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.4	0.6
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	1.0	0.8	1.6
Sandy:	3.2	1.5	3.9
Water Tower:	Off (Due to construction work and painting)		
Wilson:	1.3	0.6	1.1