

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_019  
**Date:** Sept 21, 2014  
**Blast Time:** 11:34  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 440 m  
 Boundary Layer Height: none  
 Cloud Cover: 75% (Cloudy)  
 Wind Speed: 13 km/hr  
 Wind Direction: N  
 Temperature: 7.0 °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>LA<sub>eq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	56.2 L <sub>Aeq</sub>	111.7 dB
Fred:	50.5 L <sub>Aeq</sub>	109.3 dB
Hollinger Office:	68.0 L <sub>Aeq</sub>	107.2 dB
Noah:	62.2 L <sub>Aeq</sub>	111.8 dB
Sandy:	59.9 L <sub>Aeq</sub>	104.9 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.0 L <sub>Aeq</sub>	106.3 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:	1.3	1.4	6.8	7.3
Edwards:	1.2	1.3	2.4	3.0
Hollinger Office:	1.1	1.3	3.7	5.1
Hollinger Park:	1.8	2.1	13.1	16.6
Sandy:	6.4	19.7	7.0	22.6

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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:	0.1	0.2
Edwards:	0.5	0.7
Hollinger Office:	1.9	2.7
Hollinger Park:	0.9	2.3
Sandy:	2.0	6.0

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.3
Edwards:	0.5	0.4	0.5
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	0.2	0.1	0.3
Imerys:	0.6	0.4	0.5
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.8	0.6	1.5
Sandy:	3.1	2.2	4.3
Water Tower:	Off (Due to construction work and painting)		
Wilson:	1.3	0.9	1.3