

## Hollinger Public Blast Report

**Blast Pattern:** 3394\_018  
**Date:** Sept 11, 2014  
**Blast Time:** 15:48  
**Blast Sign Activation:** 11:45  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 870 m  
 Boundary Layer Height: none  
 Cloud Cover: 75% (Cloudy)  
 Wind Speed: 19 km/hr  
 Wind Direction: NW  
 Temperature: 8.1 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	60.3 L <sub>Aeq</sub>	113.4 dB
Edwards:	59.1 L <sub>Aeq</sub>	112.9 dB
Fred:	55.2 L <sub>Aeq</sub>	116.0 dB
Hollinger Office:	65.9 L <sub>Aeq</sub>	120.0 dB
Noah:	64.0 L <sub>Aeq</sub>	117.2 dB
Sandy:	59.4 L <sub>Aeq</sub>	111.0 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	58.8 L <sub>Aeq</sub>	117.9 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:	2.7	3.9	7.3	7.8
Edwards:	2.5	3.0	6.0	7.8
Hollinger Office:	4.2	5.6	7.5	10.9
Hollinger Park:	3.3	3.9	23.5	27.7
Sandy:	4.1	7.4	8.5	15.3

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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:	0.7	5.4
Edwards:	0.8	1.3
Hollinger Office:	2.7	3.4
Hollinger Park:	5.3	9.8
Sandy:	9.1	27.3

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.8	0.5	0.7
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.6	0.5	0.8
Sandy:	4.8	2.2	3.5
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.8	1.3	1.1