

## Hollinger Public Blast Report

**Blast Pattern:** 3394\_039  
**Date:** Nov 21, 2014  
**Blast Time:** 13:54  
**Blast Sign Activation:** 07:30  
**Website Notification Time:** 07:30

### Blast Conditions

Ceiling Height: 830 m  
 Boundary Layer Height: 910 m  
 Cloud Cover: 75% (Cloudy)  
 Wind Speed: 11 km/hr  
 Wind Direction: S  
 Temperature: -10.1 °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:	53.4 L <sub>Aeq</sub>	103.2 dB
Edwards:	48.5 L <sub>Aeq</sub>	90.9 dB
Fred:	44.3 L <sub>Aeq</sub>	98.4 dB
Hollinger Office:	54.4 L <sub>Aeq</sub>	109.0 dB
Noah:	57.2 L <sub>Aeq</sub>	102.6 dB
Sandy:	66.5 L <sub>Aeq</sub>	93.4 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	47.7 L <sub>Aeq</sub>	101.8 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:	9.1	9.5	14.3	15.9
Edwards:	1.3	1.4	9.6	10.6
Hollinger Office:	4.1	4.5	10.6	12.3
Hollinger Park:	2.0	2.3	11.7	12.5
Sandy:	1.4	1.7	10.6	13.1

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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:	0.2	0.5
Edwards:	1.6	4.3
Hollinger Office:	3.8	6.3
Hollinger Park:	4.6	6.3
Sandy:	2.0	2.9

### 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	0.0	0.0
Hollinger Office:	0.0	0.2	0.1
Hollinger West:	0.2	0.2	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.6	0.7	0.8
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.2	0.2	0.3