

# Hollinger Public Blast Report

**Blast Pattern:** 3388\_044/045  
**Date:** February 7, 2015  
**Blast Time:** 11:46  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

## Blast Conditions

Ceiling Height: N/A m  
 Boundary Layer Height: 610 m  
 Cloud Cover: 25% Scattered Clouds  
 Wind Speed: 5 km/hr  
 Wind Direction: N  
 Temperature: -23.3 °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>LA<sub>eq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	51.7 L <sub>Aeq</sub>	96.2 dB
Edwards:	42.7 L <sub>Aeq</sub>	84.6 dB
Fred:	42.3 L <sub>Aeq</sub>	99.5 dB
Hollinger Office:	68.1 L <sub>Aeq</sub>	101.0 dB
Noah:	N/A L <sub>Aeq</sub>	N/A dB
Sandy:	51.4 L <sub>Aeq</sub>	100.4 dB
Water Tower:	50.3 L <sub>Aeq</sub>	101.7 dB
Wilson:	56.7 L <sub>Aeq</sub>	103.7 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:	13.6	14.0	19.7	20.3
Edwards:	2.5	2.7	18.4	19.4
Hollinger Office:	4.4	4.6	16.0	16.5
Hollinger Park:	3.8	4.1	17.3	18.2
Sandy:	5.2	6.7	17.9	21.8

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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:	0.2	0.4
Edwards:	2.7	4.8
Hollinger Office:	7.5	12.8
Hollinger Park:	2.1	3.0
Sandy:	6.9	18.0

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards Temp:	0.2	0.2	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.2	0.2	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	1.6	0.8	2.2
Sandy:	3.3	3.4	3.0
Water Tower:	0.1	0.0	0.2
Wilson:	0.5	0.5	0.6