

# Hollinger Public Blast Report

**Blast Pattern:** 3394\_047 and 3388\_037A  
**Date:** January 4, 2014  
**Blast Time:** 11:32  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

## Blast Conditions

Ceiling Height: 890 m  
 Boundary Layer Height: none m  
 Cloud Cover: 100% Overcast  
 Wind Speed: 20 km/hr  
 Wind Direction: N  
 Temperature: -19.2 °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:	49.5 L <sub>Aeq</sub>	108.6 dB
Edwards:	45.4 L <sub>Aeq</sub>	98.6 dB
Fred:	48.1 L <sub>Aeq</sub>	111.4 dB
Hollinger Office:	61.4 L <sub>Aeq</sub>	114.0 dB
Noah:	N/A L <sub>Aeq</sub>	N/A dB
Sandy:	61.1 L <sub>Aeq</sub>	102.0 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	58.5 L <sub>Aeq</sub>	112.0 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:	10.6	13.5	10.0	11.4
Edwards:	7.4	15.0	4.6	6.1
Hollinger Office:	13.9	20.4	8.5	14.2
Hollinger Park:	15.7	19.8	20.3	41.3
Sandy:	26.4	42.2	30.6	68.3

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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:	0.3	0.4
Edwards:	1.8	2.4
Hollinger Office:	4.2	7.3
Hollinger Park:	4.3	9.7
Sandy:	9.0	13.2

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards Temp:	0.1	0.1	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.2	0.2	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	2.1	2.5	1.9
Sandy:	7.8	6.2	4.6
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.5	0.4	0.6