

# Hollinger Public Blast Report

**Blast Pattern:** 3388\_013  
**Date:** January 23, 2015  
**Blast Time:** 13:36  
**Blast Sign Activation:** 07:30  
**Website Notification Time:** 07:30

## Blast Conditions

Ceiling Height: 430 m  
 Boundary Layer Height: 230 m  
 Cloud Cover: 100% Overcast  
 Wind Speed: 12 km/hr  
 Wind Direction: SW  
 Temperature: -2.0 °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>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	52.1 L <sub>Aeq</sub>	104.5 dB
Edwards:	52.6 L <sub>Aeq</sub>	100.4 dB
Fred:	46.0 L <sub>Aeq</sub>	104.0 dB
Hollinger Office:	79.5 L <sub>Aeq</sub>	111.8 dB
Noah:	N/A L <sub>Aeq</sub>	N/A dB
Sandy:	51.2 L <sub>Aeq</sub>	109.2 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	52.0 L <sub>Aeq</sub>	110.3 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:	12.3	13.1	16.8	17.4
Edwards:	8.3	11.4	15.7	24.5
Hollinger Office:	6.8	8.3	15.3	22.1
Hollinger Park:	4.5	5.1	15.6	17.4
Sandy:	4.5	5.3	14.0	15.6

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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:	0.8	1.2
Edwards:	13.3	41.8
Hollinger Office:	11.3	15.1
Hollinger Park:	5.4	9.9
Sandy:	2.5	2.9

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.6
Edwards Temp:	0.2	0.1	0.2
Hollinger Office:	0.1	0.2	0.3
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.7	0.5	0.9
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.4	0.3	0.4