

# Hollinger Public Blast Report

**Blast Pattern:** 3370\_009  
**Date:** December 19, 2014  
**Blast Time:** 11:33  
**Blast Sign Activation:** 08:50  
**Website Notification Time:** 09:00

## Blast Conditions

Ceiling Height: >4000 m  
 Boundary Layer Height: 140  
 Cloud Cover: 25% Scattered clouds  
 Wind Speed: 3 km/hr  
 Wind Direction: SW  
 Temperature: -12.8°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:	55.2 L <sub>Aeq</sub>	98.0 dB
Edwards:	50.9 L <sub>Aeq</sub>	90.2 dB
Fred:	46.5 L <sub>Aeq</sub>	92.4 dB
Hollinger Office:	60.1 L <sub>Aeq</sub>	105.5 dB
Noah:	58.9 L <sub>Aeq</sub>	101.2 dB
Sandy:	52.8 L <sub>Aeq</sub>	104.3 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.6 L <sub>Aeq</sub>	101.9 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:	16.7	21.2	22.1	27.3
Edwards:	6.6	9.6	25.2	34.0
Hollinger Office:	4.2	5.3	21.6	27.9
Hollinger Park:	4.6	5.6	19.0	22.8
Sandy:	4.1	5.7	18.8	22.4

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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:	8.3	15.3
Edwards:	53.8	129.7
Hollinger Office:	24.3	40.2
Hollinger Park:	25.8	39.0
Sandy:	18.0	31.0

### 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	0.1
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.5	0.4
Noah:	0.3	0.3	0.5
Moneta Pumping Station:	0.9	0.5	0.6
Sandy:	4.1	3.9	4.2
Water Tower:	Off (Due to construction work and painting)		
Wilson:	1.2	1.3	1.1