

# Hollinger Public Blast Report

**Blast Pattern:** 3394\_040  
**Date:** December 23, 2014  
**Blast Time:** 11:34  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

## Blast Conditions

Ceiling Height: 210 m  
 Boundary Layer Height: none  
 Cloud Cover: 100% Overcast  
 Wind Speed: 10 km/hr  
 Wind Direction: E  
 Temperature: -5.0°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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	53.6 L <sub>Aeq</sub>	100.9 dB
Edwards:	47.1 L <sub>Aeq</sub>	87.5 dB
Fred:	46.4 L <sub>Aeq</sub>	88.7 dB
Hollinger Office:	78.6 L <sub>Aeq</sub>	109.2 dB
Noah:	63.2 L <sub>Aeq</sub>	107.2 dB
Sandy:	53.2 L <sub>Aeq</sub>	97.7 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	53.5 L <sub>Aeq</sub>	96.8 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:	9.0	9.9	13.5	15.1
Edwards:	2.2	2.4	8.9	9.8
Hollinger Office:	3.3	3.7	9.4	11.2
Hollinger Park:	2.2	2.3	10.0	10.7
Sandy:	1.5	1.6	6.8	7.8

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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:	1.2	1.6
Edwards:	3.7	4.6
Hollinger Office:	10.8	12.0
Hollinger Park:	14.3	60.6
Sandy:	7.3	15.6

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.3
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.0	0.1
Imerys:	0.3	0.1	0.2
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.9	0.4	1.0
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.6	0.3	0.6