

## Hollinger Public Blast Report

**Blast Pattern:** 3370\_004  
**Date:** January 21, 2015  
**Blast Time:** 13:33  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 1360 m  
 Boundary Layer Height: 440 m  
 Cloud Cover: 100% Overcast  
 Wind Speed: 5 km/hr  
 Wind Direction: N  
 Temperature: -9.1 °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:	49.6 L <sub>Aeq</sub>	95.1 dB
Edwards:	43.2 L <sub>Aeq</sub>	79.2 dB
Fred:	43.0 L <sub>Aeq</sub>	86.5 dB
Hollinger Office:	63.7 L <sub>Aeq</sub>	106.0 dB
Noah:	N/A L <sub>Aeq</sub>	N/A dB
Sandy:	42.9 L <sub>Aeq</sub>	102.9 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	52.7 L <sub>Aeq</sub>	102.8 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:	11.0	16.6	18.0	27.1
Edwards:	4.6	7.6	11.1	20.5
Hollinger Office:	5.0	5.5	11.0	12.7
Hollinger Park:	2.6	3.2	11.6	13.5
Sandy:	1.9	2.2	8.9	10.9

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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:	2.7	4.4
Edwards:	9.6	23.2
Hollinger Office:	11.8	19.9
Hollinger Park:	10.5	14.8
Sandy:	5.4	7.4

### 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:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.5	0.3
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.2	0.3	0.4
Sandy:	1.7	1.7	2.4
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.7	0.4	0.5