

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_091  
**Date:** March 7, 2015  
**Blast Time:** 11:34  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 870 m  
 Boundary Layer Height: n/a m  
 Cloud Cover: 100% Overcast (Snow)  
 Wind Speed: 4 km/hr  
 Wind Direction: NW  
 Temperature: -5.5 °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>LA<sub>eq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	48.5 L <sub>Aeq</sub>	89.0 dB
Edwards:	51.9 L <sub>Aeq</sub>	80.7 dB
Fred:	40.7 L <sub>Aeq</sub>	91.5 dB
Hollinger Office:	67.9 L <sub>Aeq</sub>	99.0 dB
Noah:	56.1 L <sub>Aeq</sub>	91.5 dB
Sandy:	52.4 L <sub>Aeq</sub>	94.9 dB
Water Tower:	50.1 L <sub>Aeq</sub>	95.3 dB
Wilson:	53.8 L <sub>Aeq</sub>	93.8 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:	21.5	24.7	31.1	36.0
Edwards:	13.4	16.2	34.1	41.4
Hollinger Office:	18.9	22.0	30.5	35.2
Hollinger Park:	11.9	13.0	32.1	41.7
Sandy:	7.7	8.8	28.9	31.9

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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:	3.5	5.2
Edwards:	10.7	19.9
Hollinger Office:	8.9	11.4
Hollinger Park:	9.0	14.8
Sandy:	5.4	7.9

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.2	0.1
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.2	0.1
Moneta Pumping Station:	0.5	0.5	0.7
Sandy:	2.5	2.6	1.6
Water Tower:	0.1	0.1	0.2
Wilson:	0.6	0.7	0.9