

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_055  
**Date:** March 9, 2015  
**Blast Time:** 11:35  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 800m  
 Boundary Layer Height: 130m  
 Cloud Cover: 100% Overcast  
 Wind Speed: 6 km/hr  
 Wind Direction: W  
 Temperature: -2.7 °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:	54.2 L <sub>Aeq</sub>	56.9dB
Edwards:	54.6 L <sub>Aeq</sub>	57.4 dB
Fred:	44.8 L <sub>Aeq</sub>	46.5 dB
Hollinger Office:	64.2 L <sub>Aeq</sub>	60.6 dB
Noah:	58.8 L <sub>Aeq</sub>	61.0 dB
Sandy:	51.3 L <sub>Aeq</sub>	54.7 dB
Water Tower:	52.8 L <sub>Aeq</sub>	54.0 dB
Wilson:	57.5 L <sub>Aeq</sub>	57.2 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:	8.4	9.1	16.0	17.8
Edwards:	4.2	5.9	12.0	16.6
Hollinger Office:	8.4	15.2	14.9	26.1
Hollinger Park:	2.2	2.7	10.6	12.0
Sandy:	1.4	2.2	9.6	14.3

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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:	2.2	3.4
Edwards:	8.2	17.2
Hollinger Office:	7.8	10.6
Hollinger Park:	9.8	13.0
Sandy:	9.1	24.8

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards Temp:	0.0	0.1	0.0
Hollinger Office:	0.0	0.0	0.1
Hollinger West:	0.1	0.1	0.1
Imerys:	0.1	0.1	0.1
Noah:	0.2	0.2	0.1
Moneta Pumping Station:	0.0	0.0	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.3	0.2	0.3
Wilson:	0.1	0.2	0.2