

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_012  
**Date:** July 17, 2014  
**Blast Time:** 15:40  
**Blast Sign Activation:** 11:30  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: n/a m  
 Boundary Layer Height: n/a m  
 Cloud Cover: Clear  
 Wind Speed: 8 km/hr  
 Wind Direction: W  
 Temperature: 22.3 °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:	54.6 L <sub>Aeq</sub>	107.5 dB
Edwards:	70.3 L <sub>Aeq</sub>	105.8 dB
Fred:	54.3 L <sub>Aeq</sub>	100.5 dB
Hollinger Office:	63.2 L <sub>Aeq</sub>	109.1 dB
Noah:	62.1 L <sub>Aeq</sub>	102.5 dB
Sandy:	60.1 L <sub>Aeq</sub>	93.4 dB
Water Tower:	49.4 L <sub>Aeq</sub>	107.4 dB
Wilson:	49.5 L <sub>Aeq</sub>	100.4 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>
Edwards:	13.1	33.7	23.8	73.1
Hollinger Office:	11.4	30.7	13.9	41.3
Hollinger Park:	15.2	22.3	19.6	28.2
Sandy:	4.1	6.7	12.9	15.7

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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>
GC1-379 (Hollinger Park):	15.4	44.8
GC2-380 (Hollinger Office):	3.0	6.1
GC3-381 (Hollinger Park):	3.0	5.0
GC4-382 (Sandy):	1.0	1.6

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.6
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.0	0.0	0.1
Imerys:	0.3	0.4	0.3
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	0.2	0.2	0.5
Sandy:	1.3	0.9	0.9
Water Tower:	0.2	0.1	0.1
Wilson:	0.3	0.3	0.3