

## Hollinger Public Blast Report

**Blast No.:** 3388\_002  
**Date:** April 24, 2014  
**Blast Time:** 15:31  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: N/A  
 Boundary Layer Height: 80m  
 Cloud Cover: 0% (Clear)  
 Wind Speed: 11 km/hr  
 Wind Direction: ENE  
 Temperature: 6.2 °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**

Comfort Inn: 54.2 L<sub>Aeq</sub>  
 Edwards: 46.7 L<sub>Aeq</sub>  
 Fred: 41.9 L<sub>Aeq</sub>  
 Hollinger Office: 66.8 L<sub>Aeq</sub>  
 Noah: 60.3 L<sub>Aeq</sub>  
 Sandy: 64.9 L<sub>Aeq</sub>  
 Water Tower: 48.4 L<sub>Aeq</sub>  
 Wilson: 47.0 L<sub>Aeq</sub>

### Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	11.9	20.4	31.2	42.1
Hollinger Office:	20.0	28.1	29.5	51.7
Hollinger Park:	22.0	26.2	23.0	27.8
Sandy:	8.5	16.9	15.5	29.3

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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>
GC1-379 (Hollinger Park):	1.6	2.4
GC2-380 (Hollinger Office):	5.5	13.3
GC3-381 (Extendicare):	1.8	2.3
GC4-382 (Sandy):	1.9	4.3

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

**Vibration Alert: No exceedances recorded.**

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