

# Hollinger Public Blast Report

**Date:** May 1, 2014  
**Blast Time:** 15:36  
**Blast Sign Activation:** 07:30  
**Website Notification Time:** 07:00

## Blast Conditions

Ceiling Height: 530m  
 Boundary Layer Height: 280m  
 Cloud Cover: Overcast  
 Wind Speed: 6 km/hr  
 Wind Direction: NNW  
 Temperature: 9.2 °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: 56.4 L<sub>Aeq</sub>  
 Edwards: 51.1 L<sub>Aeq</sub>  
 Fred: 45.2 L<sub>Aeq</sub>  
 Hollinger Office: 61.0 L<sub>Aeq</sub>  
 Noah: 60.9 L<sub>Aeq</sub>  
 Sandy: 69.5 L<sub>Aeq</sub>  
 Water Tower: 63.6 L<sub>Aeq</sub>  
 Wilson: 50.9 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:	4.6	5.7	37.2	43.7
Hollinger Office:	15.4	20.0	43.4	58.9
Hollinger Park:	24.2	52.1	59.7	110.0
Sandy:	5.0	7.4	26.2	39.9

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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>
GC1-379 (Hollinger Park):	3.7	5.8
GC2-380 (Hollinger Office):	9.5	27.7
GC3-381 (Hollinger Park):	4.1	5.2
GC4-382 (Sandy):	4.3	9.1

### 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:	0.2	0.2	0.3
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.0	0.1	0.1
Imerys:	0.2	0.1	0.1
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.5	0.3	0.5
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.3