

# Hollinger Public Blast Report

**Date:** April 22, 2014  
**Blast Time:** 11:30  
**Blast Sign Activation:** 07:45  
**Website Notification Time:** 07:45

**Blast Conditions**

Ceiling Height: >4000m  
 Boundary Layer Height: >4000m  
 Cloud Cover: 100% (Cloudy)  
 Wind Speed: 15.4 km/hr  
 Wind Direction: NNE  
 Temperature: 0.2 °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: 59.1 L<sub>Aeq</sub>  
 Edwards: 51.9 L<sub>Aeq</sub>  
 Fred: 47.6 L<sub>Aeq</sub>  
 Hollinger Office: 62.8 L<sub>Aeq</sub>  
 Noah: 65.3 L<sub>Aeq</sub>  
 Sandy: 68.6 L<sub>Aeq</sub>  
 Water Tower: 60.5 L<sub>Aeq</sub>  
 Wilson: 54.5 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:	2.9	3.3	13.3	14.0
Hollinger Office:	5.1	5.9	5.5	7.0
Hollinger Park:	5.7	6.2	4.8	5.7
Sandy:	2.0	2.8	6.7	7.7

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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):	0.0	0.0
GC2-380 (Hollinger Office):	4.3	6.3
GC3-381 (Hollinger Park):	2.1	2.7
GC4-382 (Sandy):	3.5	20.9

### 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:	0.1	0.2	0.2
Hollinger West:	0.0	0.1	0.1
Imerys:	0.1	0.1	0.1
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.5	0.2	0.4
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.2	0.2