

# Hollinger Public Blast Report

**Date:** April 30, 2014  
**Blast Time:** 11:39  
**Blast Sign Activation:** 07:30  
**Website Notification Time:** 07:00

**Blast Conditions**

Ceiling Height: 1060m  
 Boundary Layer Height: >4000m  
 Cloud Cover: Rain/Overcast  
 Wind Speed: 9.7 km/hr  
 Wind Direction: ESE  
 Temperature: 5.0 °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: 58.9 L<sub>Aeq</sub>  
 Edwards: 50.4 L<sub>Aeq</sub>  
 Fred: 46.1 L<sub>Aeq</sub>  
 Hollinger Office: 71.3 L<sub>Aeq</sub>  
 Noah: 63.5 L<sub>Aeq</sub>  
 Sandy: 69.2 L<sub>Aeq</sub>  
 Water Tower: 60.7 L<sub>Aeq</sub>  
 Wilson: 53.0 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:	2.6	3.4	15.4	17.0
Hollinger Office:	4.0	4.6	6.9	8.5
Hollinger Park:	7.4	9.4	6.9	11.4
Sandy:	2.0	2.4	8.8	9.4

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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):	2.4	3.5
GC2-380 (Hollinger Office):	4.8	7.9
GC3-381 (Hollinger Park):	7.8	19.0
GC4-382 (Sandy):	2.4	3.3

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.1	0.1
Moneta Pumping Station:	0.4	0.2	0.5
Sandy:	1.0	0.4	1.7
Water Tower:	0.2	0.1	0.1
Wilson:	0.4	0.3	0.3