

# Hollinger Public Blast Report

**Date:** May 27, 2014  
**Blast Time:** 11:30  
**Blast Sign Activation:** 7:00 AM  
**Website Notification Time:** 8:00AM

## Blast Conditions

Ceiling Height: 170 m  
 Boundary Layer Height: 1020 m  
 Cloud Cover: Overcast  
 Wind Speed: 12 km/hr  
 Wind Direction: NW  
 Temperature: 9.3 °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**

Comfort Inn: 56.9 L<sub>Aeq</sub>  
 Edwards: 53.3 L<sub>Aeq</sub>  
 Fred: 47.3 L<sub>Aeq</sub>  
 Hollinger Office: 69.3 L<sub>Aeq</sub>  
 Noah: 61.5 L<sub>Aeq</sub>  
 Sandy: 73.5 L<sub>Aeq</sub>  
 Water Tower: 62.5 L<sub>Aeq</sub>  
 Wilson: 49.5 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:	6.0	6.5	20.5	22.4
Hollinger Office:	17.2	20.2	17.4	22.7
Hollinger Park:	13.8	18.7	24.5	32.7
Sandy:	5.1	6.7	14.5	17.8

## Hollinger Public Blast Report

### 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):	1.3	1.5
GC2-380 (Hollinger Office):	3.4	6.0
GC3-381 (Hollinger Park):	4.0	5.3
GC4-382 (Sandy):	1.0	1.5

### 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	0.2	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.1
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	0.8	0.5	0.1
Water Tower:	0.2	0.1	0.3
Wilson:	0.7	0.6	0.4