

## Hollinger Public Blast Report

**Date:** March 27, 2014  
**Blast Time:** 15:31  
**Blast Sign Activation:** 08:30  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 470m  
 Boundary Layer Height: N/A  
 Cloud Cover: 100% (Overcast)  
 Wind Speed: 4.0 km/hr  
 Wind Direction: N  
 Temperature: -2.6 °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: 50.8 L<sub>Aeq</sub>  
 Edwards: 50.5 L<sub>Aeq</sub>  
 Fred: 38.8 L<sub>Aeq</sub>  
 Hollinger Office: 76.3 L<sub>Aeq</sub>  
 Noah: 56.4 L<sub>Aeq</sub>  
 Sandy: 67.0 L<sub>Aeq</sub>  
 Water Tower: 57.2 L<sub>Aeq</sub>  
 Wilson: 51.2 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:	8.4	8.8	28.4	29.0
Hollinger Office:	7.4	8.0	17.5	19.8
Hollinger Park:	8.0	8.4	17.9	19.1
Sandy:	5.9	6.9	16.8	17.7

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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):	2.4	3.3
GC2-380 (Hollinger Office):	4.1	8.3
GC3-381 (Hollinger Park):	6.2	11.5
GC4-382 (Sandy):	3.0	3.5

### 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:	0.2	0.3	0.2
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.0	0.1	0.1
Imerys:	0.1	0.1	0.1
Moneta Pumping Station:	0.2	0.1	0.1
Noah:	0.3	0.2	0.2
Sandy:	0.7	0.5	1.8
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.4	0.3