

## Hollinger Public Blast Report

**Date:** April 2, 2014  
**Blast Time:** 15:32  
**Blast Sign Activation:** 07:45  
**Website Notification Time:** 07:30

### Blast Conditions

Ceiling Height: 770m  
 Boundary Layer Height: N/A  
 Cloud Cover: 100% (Overcast)  
 Wind Speed: 9.2 km/hr  
 Wind Direction: W  
 Temperature: -5.5 °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: 55.1 L<sub>Aeq</sub>  
 Edwards: 53.5 L<sub>Aeq</sub>  
 Fred: 57.1 L<sub>Aeq</sub>  
 Hollinger Office: 67.6 L<sub>Aeq</sub>  
 Noah: 60.9 L<sub>Aeq</sub>  
 Sandy: 59.7 L<sub>Aeq</sub>  
 Water Tower: 52.1 L<sub>Aeq</sub>  
 Wilson: 50.4 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:	11.8	15.4	28.7	34.7
Hollinger Office:	20.5	33.9	19.3	47.1
Hollinger Park:	5.4	6.0	11.2	16.3
Sandy:	3.5	4.1	9.5	10.3

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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):	4.7	5.1
GC2-380 (Hollinger Office):	8.4	10.5
GC3-381 (Hollinger Park):	6.3	8.2
GC4-382 (Sandy):	1.9	2.4

### 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	0.2
Hollinger West:	0.0	0.1	0.1
Imerys:	0.1	0.1	0.1
Moneta Pumping Station:	0.3	0.0	0.2
Noah:	0.2	0.2	0.2
Sandy:	0.9	0.4	0.9
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.3	0.2