

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_025  
**Date:** 23-Nov-15  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 400 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 8 km/hr  
Wind Direction: E  
Temperature: -7.4 °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**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.4 LAeq	101.7 dB
Edwards:	46.0 LAeq	94.2 dB
Fred:	41.6 LAeq	93.1 dB
Hollinger Office:	64.8 LAeq	102.5 dB
Noah:	59.6 LAeq	111.2 dB
Sandy:	47.7 LAeq	113.1 dB
Water Tower:	48.9 LAeq	113.0 dB
Wilson:	48.9 LAeq	119.0 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	2.8	3.2	5.7	5.9
Edwards:	2.0	2.5	6.1	7.5
Hollinger Office:	3.4	4.0	6.9	7.8
Hollinger Park:	5.9	9.1	11.6	19.8
Sandy:	4.3	7.1	5.3	7.8

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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>
Claimpost:	0.8	1.1
Edwards:	1.4	3.6
Hollinger Office:	6.3	8.1
Hollinger Park:	6.2	10.2
Sandy:	8.6	25.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	4.7	4.6	6.3
Imerys:	1.4	1.1	1.8
Noah:	0.8	1.1	1.3
Moneta Pumping Station:	0.3	0.4	0.3
Sandy:	0.4	0.6	0.4
Water Tower:	1.9	1.3	1.4
Wilson:	3.5	2.9	3.0