

# Hollinger Public Blast Report



**Blast Pattern:** 3364\_153  
**Date:** 10-Aug-16  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1066 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 9.1 km/hr  
Wind Direction: S  
Temperature: 15.9 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

### **Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	55.0 LAeq	105.0 dB
Edwards:	53.8 LAeq	97.4 dB
Fred:	43.6 LAeq	98.3 dB
Hollinger Office:	55.9 LAeq	111.1 dB
Noah:	60.9 LAeq	103.8 dB
Sandy:	62.5 LAeq	100.6 dB
Water Tower:	58.9 LAeq	107.6 dB
Wilson:	51.3 LAeq	96.5 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded for the day.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	2.5	3.0	13.4	15.0
Edwards:	8.9	10.2	11.4	12.8
Hollinger Office:	7.9	9.7	71.0	74.7
Hollinger Park:	7.1	8.2	5.6	9.1
Sandy:	26.0	78.7	55.4	90.8

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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:	0.2	0.8
Edwards:	0.0	0.4
Hollinger Office:	3.4	4.7
Hollinger Park:	1.4	3.5
Sandy:	3.9	10.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.1	0.5	0.7
Hollinger West:	0.2	0.1	0.1
Imerys:	0.6	0.3	0.5
Noah:	0.8	0.4	0.9
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.4	0.1
Water Tower:	0.3	0.3	0.3
Wilson:	0.9	0.2	1.4