

# Hollinger Public Blast Report



**Blast Pattern:** 3364\_139  
**Date:** 4-Aug-16  
**Blast Time:** 15:32  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1219 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 7 km/hr  
Wind Direction: SW  
Temperature: 30.1 °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:	56.4 LAeq	106.9 dB
Edwards:	63.7 LAeq	104.8 dB
Fred:	45.9 LAeq	100.8 dB
Hollinger Office:	59.7 LAeq	109.2 dB
Noah:	61.4 LAeq	108.4 dB
Sandy:	56.9 LAeq	109.4 dB
Water Tower:	52.4 LAeq	123.7 dB
Wilson:	51.3 LAeq	105.2 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:	11.8	13.2	56.3	79.5
Edwards:	18.9	21.0	38.3	46.9
Hollinger Office:	66.2	458.0	129.6	577.3
Hollinger Park:	13.6	14.4	29.1	32.7
Sandy:	11.6	15.1	69.4	73.3

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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>
Claimpost:	1.3	3.0
Edwards:	1.3	3.0
Hollinger Office:	16.4	136.4
Hollinger Park:	1.3	2.0
Sandy:	0.6	1.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.3	0.5
Hollinger West:	0.5	0.2	0.7
Imerys:	1.2	1.2	1.3
Noah:	1.0	0.9	1.0
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.8	0.5
Water Tower:	6.0	1.0	4.8
Wilson:	0.9	1.3	1.3