

# Hollinger Public Blast Report



**Blast Pattern:** 3350.5\_011  
**Date:** 28-Aug-19  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 3000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 15 km/hr  
Wind Direction: S  
Temperature: 14.5 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### 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:	56.1 LAeq	108.7 dB
Edwards:	50.9 LAeq	109.2 dB
Fred:	47.9 LAeq	109.9 dB
Hollinger Office:	58.3 LAeq	125.2 dB
Noah:	61.1 LAeq	118.4 dB
Sandy:	49.7 LAeq	108.0 dB
Water Tower:	57.6 LAeq	116.4 dB
Wilson:	53.1 LAeq	111.4 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	8.6	9.2	9.4	10.1
Edwards:			12.2	14.0
Hollinger Office:	111.2	683.0		
Sandy:	4.6	6.3	10.8	12.3

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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:	0.6	1.3
Edwards:	1.5	3.0
Hollinger Office:	0.0	0.0
Sandy:	1.5	2.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.3
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.6	0.6	0.4
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.5	0.3
Moneta Pumping Station:	0.0	0.1	0.1
Sandy:	0.1	0.0	0.0
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.2	0.2