

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_084  
**Date:** 27-Jun-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 5000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11 km/hr  
Wind Direction: W  
Temperature: 23.3 °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:	54.6 LAeq	102.7 dB
Edwards:	54.3 LAeq	96.0 dB
Fred:	LAeq	dB
Hollinger Office:	57.4 LAeq	101.1 dB
Noah:	62.6 LAeq	103.1 dB
Sandy:	43.8 LAeq	102.7 dB
Water Tower:	48.6 LAeq	112.3 dB
Wilson:	46.7 LAeq	100.2 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:	9.2	12.4	17.4	21.2
Edwards:	10.6	17.2	24.5	39.8
Hollinger Office:	22.8	30.2	31.2	62.8
Sandy:	6.1	7.3	15.8	18.1

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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:	1.7	4.2
Edwards:	3.9	6.3
Hollinger Office:	3.6	6.1
Sandy:	1.1	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	0.2	0.2	0.2
Imerys:	0.8	1.1	1.2
Noah:	0.6	0.6	0.7
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.6	0.2	0.4
Water Tower:	2.7	1.6	3.3
Wilson:	0.6	0.4	0.8