

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_058  
**Date:** 23-Jul-19  
**Blast Time:** 11:46  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 3500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 19 km/hr  
Wind Direction: NW  
Temperature: 17.2 °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:	56.3 LAeq	107.4 dB
Edwards:	50.4 LAeq	99.8 dB
Fred:	45.3 LAeq	103.4 dB
Hollinger Office:	58.3 LAeq	112.9 dB
Noah:	61.8 LAeq	105.4 dB
Sandy:	47.0 LAeq	107.9 dB
Water Tower:	50.8 LAeq	114.2 dB
Wilson:	50.5 LAeq	109.6 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:	5.8	6.1	0.8	1.6
Edwards:	4.2	4.3	7.4	9.0
Hollinger Office:	10.7	11.7	6.8	9.0
Sandy:	12.4	19.3	13.6	26.2

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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:	0.0	0.2
Edwards:	1.3	1.8
Hollinger Office:	1.9	4.6
Sandy:	2.7	6.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.9	0.5	0.9
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.3	0.7
Noah:	1.3	0.4	0.6
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.6	0.3	0.6
Water Tower:	0.4	0.3	0.4
Wilson:	1.1	0.6	1.2