

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_019  
**Date:** 25-Jul-19  
**Blast Time:** 15:56  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 24000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11 km/hr  
Wind Direction: W  
Temperature: 28.9 °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:	59.6 LAeq	105.6 dB
Edwards:	51.6 LAeq	98.3 dB
Fred:	49.0 LAeq	100.0 dB
Hollinger Office:	56.8 LAeq	104.3 dB
Noah:	61.1 LAeq	102.7 dB
Sandy:	54.8 LAeq	107.1 dB
Water Tower:	54.5 LAeq	113.5 dB
Wilson:	53.1 LAeq	104.7 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:	41.3	42.2	51.0	54.1
Edwards:	26.1	30.6	102.0	121.8
Hollinger Office:	54.4	71.9	120.3	202.3
Sandy:	43.9	45.9	72.2	75.2

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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:	0.6	1.5
Edwards:	2.3	4.4
Hollinger Office:	4.5	11.1
Sandy:	1.6	1.9

## 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:	0.1	0.0	0.1
Hollinger Office:	0.5	0.2	0.8
Hollinger West:	0.5	0.3	0.5
Imerys:	0.9	1.0	1.5
Noah:	1.0	1.0	1.2
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	1.0	0.5	0.8
Water Tower:	4.0	1.5	4.0
Wilson:	1.4	1.5	1.9