

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_1013  
**Date:** 6-Jun-19  
**Blast Time:** 15:47  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 13 km/hr  
Wind Direction: S  
Temperature: 20.8 °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:	56.8 LAeq	102.7 dB
Edwards:	53.3 LAeq	99.6 dB
Fred:	52.0 LAeq	96.9 dB
Hollinger Office:	57.6 LAeq	103.8 dB
Noah:	61.7 LAeq	106.9 dB
Sandy:	50.5 LAeq	110.8 dB
Water Tower:	51.0 LAeq	115.2 dB
Wilson:	51.8 LAeq	102.3 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	10.3	3.5	7.6
Edwards:	4.7	6.1	6.8	9.7
Hollinger Office:	20.0	24.6	15.4	23.4
Sandy:	7.8	9.1	7.0	10.9

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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:	0.9	1.4
Edwards:	0.6	1.2
Hollinger Office:	3.0	5.2
Sandy:	1.3	1.7

## 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	0.1	0.1
Hollinger Office:	0.5	0.3	0.7
Hollinger West:	0.9	0.5	0.8
Imerys:	0.6	0.7	0.6
Noah:	0.6	0.7	0.5
Moneta Pumping Station:	1.1	1.0	1.0
Sandy:	6.9	3.4	5.6
Water Tower:	1.8	1.2	2.7
Wilson:	2.1	1.8	2.5