

# Hollinger Public Blast Report

**Blast Pattern:** 3280-085A  
**Date:** 17-Jun-23  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 7:00

## Blast Conditions

Ceiling Height: 29,856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 4 km/h  
Wind Direction: NE  
Temperature: 19.7 °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:	54.2 LAeq	98.4 dB
Edwards:	55.0 LAeq	94.5 dB
Fred:	45.2 LAeq	95.5 dB
Hollinger Office:	53.4 LAeq	103.1 dB
Noah:	59.1 LAeq	105.1 dB
Sandy:	43.7 LAeq	95.5 dB
Water Tower:	47.3 LAeq	104.2 dB
Wilson:	51.6 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:	14.6	15.7	12.2	14.2
Edwards:	6.7	7.7	16.1	25.4
Hollinger Office:	3.3	3.8	36.9	39.7
Sandy:	6.4	7.7	17.6	21.1

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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:	0.2	0.5
Edwards:	1.0	2.1
Hollinger Office:	1.9	3.1
Sandy:	1.1	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.0	0.0
Hollinger Office:	4.5	1.2	5.1
Hollinger West:	0.2	0.1	0.1
Imerys:	0.8	0.7	0.7
Noah:	0.8	0.5	0.7
Moneta Pumping Station	0.1	0.1	0.2
Sandy:	0.1	0.1	0.1
Water Tower:	0.8	0.3	0.7
Wilson:	0.4	0.2	0.3



