

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_081/3238\_204P/S  
**Date:** 15-Aug-22  
**Blast Time:** 15:46  
**Blast Sign Activation:** 7:15  
**Website Notification Time:** 7:12

## Blast Conditions

Ceiling Height: 29,856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 15  
Wind Direction: N  
Temperature: 22.4 °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:	57.1 LAeq	104.2 dB
Edwards:	54.2 LAeq	96.0 dB
Fred:	44.9 LAeq	97.4 dB
Hollinger Office:	57.0 LAeq	109.9 dB
Noah:	61.5 LAeq	100.3 dB
Sandy:	47.0 LAeq	105.0 dB
Water Tower:	48.5 LAeq	103.2 dB
Wilson:	52.3 LAeq	109.1 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:	8.7	8.9	5.0	5.8
Edwards:	3.3	4.6	9.4	12.9
Hollinger Office:	10.9	13.2	16.5	20.9
Sandy:	18.4	70.1	18.4	75.7

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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:	0.0	0.1
Hollinger Office:	1.7	2.4
Sandy:	1.0	3.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	1.0
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	1.4	0.7	1.9
Imerys:	1.5	0.5	0.6
Noah:	1.2	0.9	1.1
Moneta Pumping Station:	1.1	0.5	1.0
Sandy:	5.6	1.9	1.8
Water Tower:	1.5	0.7	2.4
Wilson:	1.8	1.9	3.1



