

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_006  
**Date:** 25-Aug-21  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:43  
**Website Notification Time:** 7:06

## Blast Conditions

Ceiling Height: 3,937 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 7  
Wind Direction: SE  
Temperature: 22.2 °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	106.4 dB
Edwards:	45.7 LAeq	98.5 dB
Fred:	42.5 LAeq	90.2 dB
Hollinger Office:	58.0 LAeq	110.7 dB
Noah:	61.7 LAeq	105.3 dB
Sandy:	45.4 LAeq	110.2 dB
Water Tower:	53.3 LAeq	120.2 dB
Wilson:	51.0 LAeq	109.2 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:	19.7	20.9	23.9	26.0
Edwards:	0.0	0.0	29.1	31.9
Hollinger Office:	18.4	19.2	42.3	46.9
Sandy:	12.6	14.8	31.9	38.2

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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:	1.6	1.8
Edwards:	0.7	1.3
Hollinger Office:	7.1	18.5
Sandy:	1.9	2.4

## 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:	0.6	0.3	0.5
Hollinger West:	0.0	0.0	0.0
Imerys:	1.1	1.5	0.9
Noah:	1.0	0.8	0.8
Moneta Pumping Station:	0.0	0.3	0.5
Sandy:	0.0	0.0	0.0
Water Tower:	3.2	1.2	0.7
Wilson:	1.7	1.0	1.4