

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_023  
**Date:** 15-Jul-21  
**Blast Time:** 15:55  
**Blast Sign Activation:** 7:59  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 3,250 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 19  
Wind Direction: NE  
Temperature: 17.9 °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	100.7 dB
Edwards:	56.7 LAeq	105.8 dB
Fred:	48.6 LAeq	106.2 dB
Hollinger Office:	57.0 LAeq	108.4 dB
Noah:	60.9 LAeq	109.0 dB
Sandy:	51.3 LAeq	112.9 dB
Water Tower:	52.0 LAeq	113.6 dB
Wilson:	52.4 LAeq	109.7 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:	18.2	20.1	22.5	26.3
Edwards:	7.6	8.9	33.6	52.0
Hollinger Office:	0.0	0.0	40.8	45.7
Sandy:	7.3	8.8	24.3	28.8

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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:	0.1	0.3
Edwards:	0.0	0.1
Hollinger Office:	0.3	0.9
Sandy:	2.1	7.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	1.8	0.5	1.1
Imerys:	1.0	0.7	1.1
Noah:	0.8	0.5	0.8
Moneta Pumping Station:	1.8	1.0	1.5
Sandy:	3.5	2.1	3.3
Water Tower:	1.3	0.9	1.8
Wilson:	2.2	3.3	2.0