

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_076 \ 3292\_009  
**Date:** 25-Jun-21  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:24

## Blast Conditions

Ceiling Height: 6,890 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 7  
Wind Direction: S  
Temperature: 19.8 °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:	54.9 LAeq	111.8 dB
Edwards:	47.7 LAeq	106.3 dB
Fred:	48.9 LAeq	100.4 dB
Hollinger Office:	56.6 LAeq	114.0 dB
Noah:	68.9 LAeq	113.5 dB
Sandy:	46.4 LAeq	114.8 dB
Water Tower:	52.0 LAeq	122.8 dB
Wilson:	51.0 LAeq	108.5 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:	16.0	16.3	24.0	24.6
Edwards:	14.7	16.1	24.4	26.8
Hollinger Office:	10.4	13.2	36.6	49.8
Sandy:	12.5	13.6	23.8	26.6

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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:	1.1	2.2
Edwards:	2.0	6.3
Hollinger Office:	2.9	6.5
Sandy:	1.2	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	2.2	1.1	1.8
Hollinger West:	4.1	1.4	3.0
Imerys:	1.8	0.7	1.3
Noah:	0.8	0.6	1.1
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.7	0.4	0.8
Water Tower:	3.7	1.6	2.1
Wilson:	1.8	2.4	2.1