

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_084  
**Date:** 12-Apr-21  
**Blast Time:** 11:48  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:07

## Blast Conditions

Ceiling Height: 23950 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 13  
Wind Direction: E  
Temperature: 13.5 °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:	56.0 LAeq	102.8 dB
Edwards:	49.2 LAeq	103.9 dB
Fred:	46.1 LAeq	102.1 dB
Hollinger Office:	56.5 LAeq	109.8 dB
Noah:	60.5 LAeq	106.9 dB
Sandy:	46.2 LAeq	102.5 dB
Water Tower:	50.1 LAeq	106.8 dB
Wilson:	52.2 LAeq	102.6 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:	7.4	8.1	14.2	26.5
Edwards:	10.1	12.0	21.8	27.3
Hollinger Office:	19.6	23.2	36.5	48.0
Sandy:	8.3	9.7	21.5	23.7

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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:	0.4	0.8
Edwards:	0.5	0.9
Hollinger Office:	1.5	2.7
Sandy:	7.2	32.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.5	0.8
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.2	0.5
Hollinger West:	0.3	0.1	0.4
Imerys:	0.5	0.3	0.6
Noah:	0.7	0.7	0.9
Moneta Pumping Station:	0.7	0.8	0.5
Sandy:	0.5	0.3	0.6
Water Tower:	0.3	0.1	0.3
Wilson:	0.7	0.5	0.6