

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_016  
**Date:** 1-Apr-21  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 29855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 20  
Wind Direction: N  
Temperature: -8.9 °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:	57.7 LAeq	104.4 dB
Edwards:	49.9 LAeq	105.0 dB
Fred:	47.5 LAeq	109.5 dB
Hollinger Office:	58.2 LAeq	111.0 dB
Noah:	61.5 LAeq	109.0 dB
Sandy:	45.0 LAeq	109.2 dB
Water Tower:	50.2 LAeq	112.2 dB
Wilson:	50.0 LAeq	110.8 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:	35.3	99.4	21.9	68.0
Edwards:	13.3	20.2	26.4	37.4
Hollinger Office:	28.8	38.9	42.7	67.7
Sandy:	18.6	29.9	23.6	45.6

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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:	0.5	0.7
Edwards:	0.8	1.2
Hollinger Office:	5.1	9.8
Sandy:	2.9	5.5

## 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:	0.4	0.3	0.4
Hollinger West:	0.9	1.4	0.8
Imerys:	1.4	1.5	1.3
Noah:	1.1	1.4	1.9
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	1.0	0.5	1.0
Water Tower:	2.6	2.0	2.7
Wilson:	1.5	0.8	1.7