

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_010  
**Date:** 19-Mar-21  
**Blast Time:** 11:36  
**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: 19  
Wind Direction: W  
Temperature: 4.1 °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	110.3 dB
Edwards:	50.1 LAeq	107.3 dB
Fred:	44.7 LAeq	111.6 dB
Hollinger Office:	55.6 LAeq	110.4 dB
Noah:	60.6 LAeq	105.4 dB
Sandy:	47.1 LAeq	109.4 dB
Water Tower:	47.3 LAeq	115.1 dB
Wilson:	48.1 LAeq	106.2 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:	25.5	43.4	20.2	31.5
Edwards:	42.6	58.6	44.4	62.3
Hollinger Office:	50.7	60.4	72.5	86.6
Sandy:	16.4	22.8	23.2	32.9

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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:	2.2	4.9
Edwards:	4.8	8.9
Hollinger Office:	10.7	12.6
Sandy:	1.5	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	1.4	2.7	2.4
Imerys:	0.4	0.4	0.4
Noah:	0.5	0.6	0.6
Moneta Pumping Station:	0.3	0.7	0.2
Sandy:	1.4	0.6	1.3
Water Tower:	0.9	1.6	0.8
Wilson:	2.0	1.7	2.8