

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_017  
**Date:** 31-Mar-21  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2624 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 20  
Wind Direction: NW  
Temperature: -1.3 °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:	57.8 LAeq	105.4 dB
Edwards:	51.0 LAeq	96.8 dB
Fred:	49.3 LAeq	103.7 dB
Hollinger Office:	58.7 LAeq	106.8 dB
Noah:	62.2 LAeq	107.9 dB
Sandy:	45.7 LAeq	109.7 dB
Water Tower:	50.0 LAeq	110.3 dB
Wilson:	48.8 LAeq	104.7 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:	15.4	16.4	5.5	10.7
Edwards:	16.3	19.6	22.7	31.1
Hollinger Office:	24.8	28.8	34.4	47.0
Sandy:	13.7	16.6	15.1	21.2

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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:	0.7	2.7
Edwards:	1.2	1.9
Hollinger Office:	3.0	4.0
Sandy:	4.5	7.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.8	0.3	0.9
Imerys:	0.9	0.6	1.2
Noah:	1.0	0.7	0.9
Moneta Pumping Station:	0.8	0.8	0.8
Sandy:	2.2	1.9	2.2
Water Tower:	1.1	1.0	1.1
Wilson:	1.3	1.1	1.5