

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_002  
**Date:** 25-Jan-21  
**Blast Time:** 11:34  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 984 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 13  
Wind Direction: W  
Temperature: -7.2 °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:	52.8 LAeq	105.3 dB
Edwards:	50.5 LAeq	106.9 dB
Fred:	40.1 LAeq	95.4 dB
Hollinger Office:	55.5 LAeq	102.8 dB
Noah:	60.2 LAeq	99.9 dB
Sandy:	42.9 LAeq	112.1 dB
Water Tower:	46.3 LAeq	108.4 dB
Wilson:	53.3 LAeq	104.6 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:	12.2	13.3	4.0	4.5
Edwards:	7.2	8.2	10.8	11.8
Hollinger Office:	4.4	9.6	12.5	16.5
Sandy:	3.1	4.4	7.1	10.4

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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:	2.8	4.2
Edwards:	1.9	2.4
Hollinger Office:	5.9	7.3
Sandy:	4.8	8.8

## 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:	0.2	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.9	1.9	1.2
Imerys:	0.3	0.5	0.3
Noah:	0.5	0.7	0.6
Moneta Pumping Station:	0.4	0.5	0.5
Sandy:	1.9	1.1	2.2
Water Tower:	0.7	0.9	0.4
Wilson:	2.5	3.0	3.3