

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_076  
**Date:** 7-Feb-23  
**Blast Time:** 11:50  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:32

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 17  
Wind Direction: S  
Temperature: -2.3 °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:	49.3 LAeq	110.9 dB
Edwards:	45.6 LAeq	100.5 dB
Fred:	40.4 LAeq	98.8 dB
Hollinger Office:	52.5 LAeq	114.9 dB
Noah:	56.6 LAeq	106.3 dB
Sandy:	44.9 Laeq	101.7 dB
Water Tower:	54.9 LAeq	112.5 dB
Wilson:	56.9 LAeq	103.9 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:	10.2	11.3	6.4	7.6
Edwards:	4.4	4.9	10.1	11.7
Hollinger Office:	8.2	11.8	12.0	16.8
Sandy:	6.0	7.0	9.2	10.1

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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:	0.9	1.6
Edwards:	2.1	3.1
Hollinger Office:	5.6	11.6
Sandy:	2.3	2.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.2	0.8	1.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.8	0.4	0.7
Noah:	0.8	0.6	1.1
Moneta Pumping Station	0.2	0.1	0.1
Sandy:	0.2	0.2	0.3
Water Tower:	0.3	0.2	0.2
Wilson:	0.6	0.6	0.8



