

# Hollinger Public Blast Report

**Blast Pattern:** 3286-076B  
**Date:** 18-Apr-23  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2,297 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 15 km/h  
Wind Direction: W  
Temperature: -2.9 °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:	56.4	LAeq	107.1 dB
Edwards:	56.4	LAeq	96.0 dB
Fred:	45.2	LAeq	106.4 dB
Hollinger Office:	57.1	LAeq	105 dB
Noah:	59.8	LAeq	103.5 dB
Sandy:	42.4	Laeq	99.2 dB
Water Tower:	50.3	LAeq	111 dB
Wilson:	50.2	LAeq	104.4 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.1	2.6	3.2	3.7
Edwards:	1.3	1.9	5.6	8.7
Hollinger Office:	5.7	6.3	0.2	1.7
Sandy:	2.3	2.6	4.1	4.8

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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:	0.4	0.5
Edwards:	1.3	2.2
Hollinger Office:	0.9	1.1
Sandy:	0.9	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.6	0.6
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.2	0.9
Hollinger West:	0.1	0.0	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.5	0.3	0.4
Moneta Pumping Station	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.2	0.4



