

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_074  
**Date:** 3-Feb-23  
**Blast Time:** 11:51  
**Blast Sign Activation:** 7:28  
**Website Notification Time:** 7:21

## Blast Conditions

Ceiling Height: 2,296 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 28  
Wind Direction: NW  
Temperature: -29.8 °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:	58.1 LAeq	114.0 dB
Edwards:	52.1 LAeq	106.5 dB
Fred:	48.8 LAeq	113.0 dB
Hollinger Office:	57.4 LAeq	115.8 dB
Noah:	63.1 LAeq	111.7 dB
Sandy:	46.0 Laeq	114.2 dB
Water Tower:	LAeq	dB
Wilson:	51.4 LAeq	111.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	12.1	4.0	4.9
Edwards:	19.6	36.8	9.4	12.2
Hollinger Office:	25.1	45.1	6.5	13.6
Sandy:	12.1	19.5	8.4	10.3

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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:	1.2	1.6
Edwards:	3.5	4.0
Hollinger Office:	3.1	4.2
Sandy:	1.7	2.1

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

**Vibration Alert: No exceedances recorded**

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



