

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_064  
**Date:** 7-Jan-23  
**Blast Time:** 13:57  
**Blast Sign Activation:** 7:42  
**Website Notification Time:** 7:18

## Blast Conditions

Ceiling Height: 1,312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 4  
Wind Direction: W  
Temperature: -12.4 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	50.4 LAeq	104.8 dB
Edwards:	44.6 LAeq	97.9 dB
Fred:	38.2 LAeq	89.4 dB
Hollinger Office:	52.4 LAeq	115.4 dB
Noah:	56.7 LAeq	103.4 dB
Sandy:	42.2 LAeq	109.8 dB
Water Tower:	44.8 LAeq	113.6 dB
Wilson:	47.0 LAeq	105.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	7.4	4.4	8.1
Edwards:	5.2	7.8	8.5	15.2
Hollinger Office:	18.2	32.1	11.5	41.7
Sandy:	2.7	3.2	3.8	4.6

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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:	1.9	3.3
Edwards:	3.9	5.4
Hollinger Office:	1.5	2.9
Sandy:	0.9	1.2

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

**Vibration Alert: No exceedances recorded**

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



