

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_052  
**Date:** 17-Jan-23  
**Blast Time:** 11:32  
**Blast Sign Activation:** 7:28  
**Website Notification Time:** 7:18

## Blast Conditions

Ceiling Height: 1,968 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 15  
Wind Direction: E  
Temperature: -3.2 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	53.2 LAeq	101.7 dB
Edwards:	46.0 LAeq	96.7 dB
Fred:	41.5 LAeq	90.2 dB
Hollinger Office:	55.2 LAeq	109.6 dB
Noah:	59.4 LAeq	104.8 dB
Sandy:	44.3 LAeq	100.3 dB
Water Tower:	51.8 LAeq	108.2 dB
Wilson:	49.0 LAeq	99.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.6	6.0	4.1	6.0
Edwards:	5.1	6.9	5.4	6.6
Hollinger Office:	4.2	4.6	8.2	12.8
Sandy:	4.0	4.8	4.8	5.6

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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:	3.6	5.4
Edwards:	5.6	7.7
Hollinger Office:	2.2	3.5
Sandy:	2.4	6.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.6	0.7	0.3
Hollinger West:	0.3	0.2	0.2
Imerys:	0.7	0.5	0.4
Noah:	1.0	0.6	0.9
Moneta Pumping Station	0.7	0.4	0.8
Sandy:	1.0	0.7	1.2
Water Tower:	0.2	0.3	0.3
Wilson:	1.3	0.7	1.4



