

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_055  
**Date:** 25-Jan-23  
**Blast Time:** 11:35  
**Blast Sign Activation:** 7:25  
**Website Notification Time:** 7:21

## Blast Conditions

Ceiling Height: 5,577 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 9  
Wind Direction: SE  
Temperature: -9.5 °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:	52.6 LAeq	100.3 dB
Edwards:	42.9 LAeq	90.6 dB
Fred:	40.4 LAeq	85.5 dB
Hollinger Office:	52.8 LAeq	109.9 dB
Noah:	57.1 LAeq	100.5 dB
Sandy:	46.1 LAeq	103.1 dB
Water Tower:	44.1 LAeq	109.0 dB
Wilson:	51.6 LAeq	96.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	5.2	4.4	5.8
Edwards:	4.6	5.1	5.9	7.4
Hollinger Office:	8.9	15.9	11.9	34.5
Sandy:	10.0	18.1	14.9	27.8

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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:	4.6	6.4
Edwards:	3.4	5.6
Hollinger Office:	11.2	24.8
Sandy:	5.9	9.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.5
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.4	0.4	0.5
Hollinger West:	0.2	0.1	0.1
Imerys:	0.2	0.2	0.7
Noah:	0.6	0.6	0.7
Moneta Pumping Station	0.7	0.4	0.7
Sandy:	1.1	0.6	1.1
Water Tower:	0.3	0.3	0.2
Wilson:	1.2	0.8	1.2



