

# Hollinger Public Blast Report

**Blast Pattern:** 3280\_050  
**Date:** 3-Mar-23  
**Blast Time:** 11:31  
**Blast Sign Activation:** 7:24  
**Website Notification Time:** 7:14

## Blast Conditions

Ceiling Height: 1,312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9 km/h  
Wind Direction: S  
Temperature: -5.6 °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:	50.3 LAeq	106.8 dB
Edwards:	42.7 LAeq	95.7 dB
Fred:	41.7 LAeq	94.2 dB
Hollinger Office:	53.3 LAeq	111.1 dB
Noah:	57.5 LAeq	98.5 dB
Sandy:	45.0 Laeq	108.4 dB
Water Tower:	43.7 LAeq	105.6 dB
Wilson:	52.8 LAeq	95.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	6.7	5.8	10.7
Edwards:	4.7	5.2	7.7	9.0
Hollinger Office:	11.7	24.9	24.0	73.5
Sandy:	2.6	2.7	6.8	7.6

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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:	1.3	5.4
Edwards:	2.4	4.0
Hollinger Office:	14.2	28.4
Sandy:	1.1	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.5	0.5
Hollinger West:	0.4	0.2	0.4
Imerys:	0.5	0.3	0.4
Noah:	0.6	0.6	0.7
Moneta Pumping Station	0.8	0.8	0.7
Sandy:	2.1	1.1	2.4
Water Tower:	0.3	0.4	0.4
Wilson:	1.2	1.3	1.2



