

# Hollinger Public Blast Report

**Blast Pattern:** 3262-051  
**Date:** 12-Aug-23  
**Blast Time:** 11:31  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2,952 ft  
Boundary Layer Height: N/A m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 7 km/h  
Wind Direction: S  
Temperature: 15.0 °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:	56.5 LAeq	102.9 dB
Edwards:	47.7 LAeq	98.8 dB
Fred:	43.6 LAeq	91.8 dB
Hollinger Office:	55.7 LAeq	112.0 dB
Noah:	62.0 LAeq	102.9 dB
Sandy:	42.6 LAeq	102.5 dB
Water Tower:	51.4 LAeq	111.2 dB
Wilson:	47.8 LAeq	98.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.2	17.6	2.5	2.8
Edwards:	11.5	12.2	25.8	28.1
Hollinger Office:	9.3	10.1	63.5	64.0
Sandy:	6.6	7.1	28.8	30.5

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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:	0.1	0.2
Edwards:	0.6	0.9
Hollinger Office:	1.8	2.4
Sandy:	3.7	12.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.8
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.5	0.4	0.4
Hollinger West:	0.6	0.2	0.3
Imerys:	0.6	0.4	0.7
Noah:	1.0	0.5	0.6
Moneta Pumping Station	0.5	0.3	0.6
Sandy:	0.0	0.4	0.5
Water Tower:	0.4	0.2	0.4
Wilson:	1.3	0.7	0.7



