

# Hollinger Public Blast Report

**Blast Pattern:** 3260\_061  
**Date:** 4-Aug-23  
**Blast Time:** 11:31  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 8:04

## Blast Conditions

Ceiling Height:	2,624	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	9	km/h
Wind Direction:	N	
Temperature:	16.4	°C

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

### Noise Alert:

#### Blast Siren Locations:

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.1 LAeq	103.5 dB
Edwards:	56.1 LAeq	97.8 dB
Fred:	46.8 LAeq	106.0 dB
Hollinger Office:	63.3 LAeq	119.7 dB
Noah:	61.4 LAeq	103.2 dB
Sandy:	44.5 Laeq	102.9 dB
Water Tower:	52.2 LAeq	108.8 dB
Wilson:	51.3 LAeq	109.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.7	20.5	2.2	2.5
Edwards:	6.5	7.0	25.9	28.6
Hollinger Office:	9.5	10.8	63.3	67.2
Sandy:	9.6	16.8	30.7	62.6

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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:	0.0	0.0
Edwards:	0.8	1.1
Hollinger Office:	2.4	3.8
Sandy:	6.0	20.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.4	0.5	0.8
Hollinger West:	0.3	0.2	0.2
Imerys:	0.8	0.6	0.8
Noah:	0.8	0.5	1.0
Moneta Pumping Station	0.6	0.3	0.7
Sandy:			
Water Tower:	0.5	0.3	0.8
Wilson:	1.1	0.6	0.8



