

# Hollinger Public Blast Report

**Blast Pattern:** 3268\_057  
**Date:** 19-Jul-23  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 4,921 ft  
Boundary Layer Height: N/A m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 7 km/h  
Wind Direction: N  
Temperature: 18.3 °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:	59.0 LAeq	107.2 dB
Edwards:	47.6 LAeq	94.4 dB
Fred:	42.8 LAeq	92.0 dB
Hollinger Office:	56.8 LAeq	108.3 dB
Noah:	59.4 LAeq	102.2 dB
Sandy:	47.3 LAeq	97.7 dB
Water Tower:	47.7 LAeq	110.3 dB
Wilson:	50.8 LAeq	95.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.2	25.8	2.0	2.2
Edwards:	7.4	7.6	30.5	31.7
Hollinger Office:	13.3	14.6	60.4	65.1
Sandy:	10.9	13.2	26.0	31.5

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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:	0.5	0.8
Edwards:	0.7	1.1
Hollinger Office:	2.4	3.4
Sandy:	1.6	4.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.4	0.6
Hollinger West:	0.3	0.1	0.3
Imerys:	0.6	0.5	0.6
Noah:	0.6	0.4	0.8
Moneta Pumping Station	0.7	0.5	0.8
Sandy:	0.0	0.3	0.6
Water Tower:	0.4	0.4	0.6
Wilson:	1.2	0.5	0.9



