

# Hollinger Public Blast Report

**Blast Pattern:** 3268\_054B  
**Date:** 13-Jul-23  
**Blast Time:** 11:34  
**Blast Sign Activation:** 7:32  
**Website Notification Time:** 7:28

## Blast Conditions

Ceiling Height: 24,934 ft  
Boundary Layer Height: N/A m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7 km/h  
Wind Direction: NE  
Temperature: 20.9 °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:	55.0 LAeq	104.6 dB
Edwards:	46.2 LAeq	93.6 dB
Fred:	42.4 LAeq	94.1 dB
Hollinger Office:	55.1 LAeq	109.3 dB
Noah:	59.5 LAeq	100 dB
Sandy:	48.3 LAeq	100.2 dB
Water Tower:	51.0 LAeq	107.2 dB
Wilson:	51.0 LAeq	99.1 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	13.1	13.5	3.0	3.5
Edwards:	2.0	2.3	11.9	13.1
Hollinger Office:	8.8	9.3	45.7	47.0
Sandy:	4.1	7.5	9.5	19.1

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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:	0.6	1.0
Edwards:	1.0	1.3
Hollinger Office:	2.1	3.9
Sandy:	2.8	6.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.5	1.1
Edwards:	0.5	0.3	0.3
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.2	0.4
Noah:	0.3	0.3	0.5
Moneta Pumping Station	0.4	0.3	0.5
Sandy:	0.1	0.2	0.4
Water Tower:	0.2	0.1	0.3
Wilson:	0.5	0.3	0.4



