

# Hollinger Public Blast Report

**Blast Pattern:** 3250\_004  
**Date:** 4-Sep-22  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:15  
**Website Notification Time:** 7:13

## Blast Conditions

Ceiling Height: 29,856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 9  
Wind Direction: E  
Temperature: 12.3 °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:	54.5 LAeq	92.7 dB
Edwards:	47.5 LAeq	102.9 dB
Fred:	41.6 LAeq	99.4 dB
Hollinger Office:	55.1 LAeq	102.6 dB
Noah:	59.7 LAeq	100.2 dB
Sandy:	44.7 LAeq	106.8 dB
Water Tower:	49.8 LAeq	102.9 dB
Wilson:	48.7 LAeq	101.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.2	4.6	2.2	2.9
Edwards:	2.3	2.3	13.1	14.2
Hollinger Office:	0.0	0.0	3.7	4.7
Sandy:	4.9	9.6	4.9	12.3

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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	0.2
Edwards:	0.0	0.1
Hollinger Office:	0.0	0.0
Sandy:	2.1	9.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	1.2	0.6	0.7
Imerys:	0.9	1.1	0.8
Noah:	0.5	0.5	0.6
Moneta Pumping Station:	1.4	0.7	1.1
Sandy:	7.3	1.9	3.9
Water Tower:	2.3	1.2	2.5
Wilson:	2.6	2.2	3.4



