

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_059  
**Date:** 14-Feb-23  
**Blast Time:** 11:50  
**Blast Sign Activation:** 7:26  
**Website Notification Time:** 7:17

## Blast Conditions

Ceiling Height: 8,452 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 24  
Wind Direction: S  
Temperature: 1.5 °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:	110.1 LAeq	56.0 dB
Edwards:	114.4 LAeq	53.0 dB
Fred:	108.8 LAeq	47.9 dB
Hollinger Office:	124.0 LAeq	59.5 dB
Noah:	115.2 LAeq	59.9 dB
Sandy:	109.2 LAeq	52.2 dB
Water Tower:	119.4 LAeq	61.6 dB
Wilson:	107.9 LAeq	54.8 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:	6.0	6.3	3.8	5.4
Edwards:	1.6	2.3	3.5	8.4
Hollinger Office:	8.2	19.7	14.5	34.7
Sandy:	1.7	1.8	4.6	5.1

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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	1.7
Edwards:	0.9	2.6
Hollinger Office:	2.4	3.3
Sandy:	1.0	1.3

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

**Vibration Alert: No exceedances recorded**

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



