

# Hollinger Public Blast Report

**Blast Pattern:** 3280-059/3274-216  
**Date:** 7-Apr-23  
**Blast Time:** 15:49  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 29,855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 23 km/h  
Wind Direction: NW  
Temperature: -0.1 °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:	51.1	LAeq	112.0 dB
Edwards:	52.9	LAeq	102.7 dB
Fred:	42.6	LAeq	101.1 dB
Hollinger Office:	51.1	LAeq	119 dB
Noah:	62.1	LAeq	110.8 dB
Sandy:	39.7	Laeq	106.8 dB
Water Tower:	43.4	LAeq	121.9 dB
Wilson:	51.5	LAeq	103.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	6.8	5.6	6.1
Edwards:	18.1	19.6	9.7	14.2
Hollinger Office:	7.1	8.5	4.6	6.2
Sandy:	11.5	37.5	14.8	45.2

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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:	0.4	1.0
Edwards:	3.4	6.9
Hollinger Office:	0.6	1.5
Sandy:	0.6	0.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.8	2.3
Edwards:	0.3	0.2	0.2
Hollinger Office:	1.1	0.5	0.7
Hollinger West:	0.3	0.2	0.1
Imerys:	0.5	0.3	0.6
Noah:	0.5	0.5	0.9
Moneta Pumping Station	0.7	0.7	0.5
Sandy:	1.2	0.5	1.3
Water Tower:	0.4	0.2	0.3
Wilson:	1.0	0.4	0.8



