

# Hollinger Public Blast Report

**Blast Pattern:** 3280\_063B/3280\_074B  
**Date:** 28-May-23  
**Blast Time:** 11:30  
**Blast Sign Activation:** 7:28  
**Website Notification Time:** 7:24

## Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	0%	Clear
Wind Speed:	13	km/h
Wind Direction:	NE	
Temperature:	21.9	°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:	54.8 LAeq	99.8 dB
Edwards:	58.3 LAeq	105.7 dB
Fred:	46.8 LAeq	99.4 dB
Hollinger Office:	LAeq	dB
Noah:	60.2 LAeq	102 dB
Sandy:	40.9 LAeq	100.9 dB
Water Tower:	46.7 LAeq	103.4 dB
Wilson:	45.5 LAeq	99.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.9	11.4	5.0	7.3
Edwards:	21.5	23.6	0.0	0.0
Hollinger Office:	10.7	13.0	34.4	41.1
Sandy:	12.0	20.4	20.2	27.6

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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:	0.1	0.2
Edwards:	1.1	1.9
Hollinger Office:	0.8	3.2
Sandy:	2.6	12.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.5	0.5	1.0
Hollinger West:	0.2	0.1	0.1
Imerys:	0.4	0.3	0.6
Noah:	0.6	0.3	0.6
Moneta Pumping Station	0.2	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.4	0.2	0.5
Wilson:	0.6	0.4	0.5



