

# Hollinger Public Blast Report

**Blast Pattern:** 3280\_061  
**Date:** 13-Apr-23  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:29  
**Website Notification Time:** 7:24

## Blast Conditions

Ceiling Height:	29,856	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	13	km/h
Wind Direction:	NW	
Temperature:	16.0	°C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

		L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	54.9	L <sub>Aeq</sub>	105.4 dB
Edwards:	47.9	L <sub>Aeq</sub>	99.2 dB
Fred:	42.5	L <sub>Aeq</sub>	90.5 dB
Hollinger Office:	56.3	L <sub>Aeq</sub>	113.3 dB
Noah:	60	L <sub>Aeq</sub>	105.3 dB
Sandy:	45.4	L <sub>Aeq</sub>	104 dB
Water Tower:	45.4	L <sub>Aeq</sub>	116 dB
Wilson:	48	L <sub>Aeq</sub>	106.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	24.8	41.8	26.2	64.0
Edwards:	28.7	62.3	52.4	136.0
Hollinger Office:	31.5	45.7	46.3	68.8
Sandy:	21.1	24.8	25.2	31.6

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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:	3.2	6.4
Edwards:	13.1	40.4
Hollinger Office:	1.0	1.5
Sandy:	1.5	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.7	1.1
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.2	0.4
Noah:	0.5	0.6	0.5
Moneta Pumping Station	0.4	0.3	0.5
Sandy:	0.5	0.3	0.6
Water Tower:	0.2	0.2	0.2
Wilson:	0.9	0.3	0.6



