

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_074  
**Date:** 12-Apr-23  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height:	29,856	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	15	km/h
Wind Direction:	E	
Temperature:	11.6	°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:	53.8	LAeq	105.2 dB
Edwards:	57.1	LAeq	106.4 dB
Fred:	42.3	LAeq	99.6 dB
Hollinger Office:	53.9	LAeq	116.9 dB
Noah:	57.9	LAeq	105 dB
Sandy:	46.1	L <sub>Aeq</sub>	99.8 dB
Water Tower:	48.2	LAeq	109.2 dB
Wilson:	53.7	LAeq	100.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.4	12.5	8.1	11.6
Edwards:	15.5	23.4	13.9	33.9
Hollinger Office:	33.0	132.7	35.7	157.6
Sandy:	11.9	24.5	14.7	37.3

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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:	1.1	1.8
Edwards:	1.9	3.4
Hollinger Office:	7.2	12.4
Sandy:	2.5	4.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.6
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.6	0.8
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.3	0.6
Noah:	0.6	0.5	0.4
Moneta Pumping Station	0.2	0.0	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.3	0.6



