

# Hollinger Public Blast Report

**Blast Pattern:** 3274\_052  
**Date:** 28-Apr-23  
**Blast Time:** 11:47  
**Blast Sign Activation:** 7:53  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height:	22,965	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	7	km/h
Wind Direction:	SW	
Temperature:	10.6	°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:	55.0 LAeq	109.0 dB
Edwards:	44.9 LAeq	97.7 dB
Fred:	40.9 LAeq	93.8 dB
Hollinger Office:	54.2 LAeq	114.5 dB
Noah:	59.2 LAeq	102.7 dB
Sandy:	45.0 LAeq	100 dB
Water Tower:	46.6 LAeq	112.5 dB
Wilson:	45.9 LAeq	97.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.6	13.8	10.0	10.7
Edwards:	16.9	17.6	17.0	23.8
Hollinger Office:	16.5	28.5	24.6	43.9
Sandy:	12.6	15.9	12.7	18.2

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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	0.9
Edwards:	3.0	8.2
Hollinger Office:	3.3	8.0
Sandy:	1.4	2.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.5
Edwards:	0.3	0.5	0.7
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.3	0.4
Noah:	0.8	0.5	0.6
Moneta Pumping Station	2.2	0.8	1.6
Sandy:	1.9	0.6	1.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.9	0.5	0.7



