

# Hollinger Public Blast Report

**Blast Pattern:** 3274\_066A/3274\_064A  
**Date:** 24-Jun-23  
**Blast Time:** 15:31  
**Blast Sign Activation:** 0:00  
**Website Notification Time:** 7:18

## Blast Conditions

Ceiling Height:	14,107	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	17	km/h
Wind Direction:	N	
Temperature:	26.3	°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:	55.0 LAeq	101.9 dB
Edwards:	49.8 LAeq	98.7 dB
Fred:	44.3 LAeq	98.9 dB
Hollinger Office:	55.4 LAeq	109.6 dB
Noah:	58.7 LAeq	105.3 dB
Sandy:	43.3 LAeq	100.5 dB
Water Tower:	47.9 LAeq	109.5 dB
Wilson:	46.2 LAeq	104.2 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	22.9	23.8	2.8	3.3
Edwards:	8.1	8.8	21.7	23.3
Hollinger Office:	6.7	7.7	49.2	51.9
Sandy:	14.2	37.0	18.2	51.9

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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:	0.0	0.0
Edwards:	1.2	1.6
Hollinger Office:	1.7	2.4
Sandy:	3.3	5.3

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

**Vibration Alert: No exceedances recorded**

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



