

# Hollinger Public Blast Report

**Blast Pattern:** 3274-067  
**Date:** 22-Jun-23  
**Blast Time:** 15:55  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	15	km/h
Wind Direction:	SW	
Temperature:	30.8	°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:	55.1 LAeq	108.4 dB
Edwards:	47.1 LAeq	98.7 dB
Fred:	45.4 LAeq	100.6 dB
Hollinger Office:	54.3 LAeq	115.4 dB
Noah:	60.1 LAeq	105.4 dB
Sandy:	46.5 Laeq	102.6 dB
Water Tower:	48.2 LAeq	112.6 dB
Wilson:	47.9 LAeq	102.4 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:	107.5	112.5	125.7	131.0
Edwards:	63.6	72.2	206.1	233.9
Hollinger Office:	88.1	115.7	214.4	276.3
Sandy:	67.0	70.7	151.8	162.7

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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:	1.6	2.2
Hollinger Office:	0.0	0.0
Sandy:	0.0	0.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.2	0.6
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.3	0.9	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.8	0.4
Noah:	0.3	0.7	0.5
Moneta Pumping Station	0.3	0.1	0.4
Sandy:	0.4	0.1	0.3
Water Tower:	0.2	0.7	0.2
Wilson:	0.5	0.5	0.5



