

# Hollinger Public Blast Report

**Blast Pattern:** 3268\_066  
**Date:** 28-Aug-23  
**Blast Time:** 15:31  
**Blast Sign Activation:** 8:44  
**Website Notification Time:** 8:29

## Blast Conditions

Ceiling Height:	21,981	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	15	km/h
Wind Direction:	SW	
Temperature:	23.3	°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:	55.5 LAeq	108.2 dB
Edwards:	56.2 LAeq	105.2 dB
Fred:	43.7 LAeq	104.3 dB
Hollinger Office:	55.5 LAeq	108.0 dB
Noah:	60.7 LAeq	105.6 dB
Sandy:	48.2 Laeq	105 dB
Water Tower:	49.5 LAeq	114.7 dB
Wilson:	51.7 LAeq	106.8 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:	10.4	14.0	2.3	2.5
Edwards:	20.5	42.3	36.5	90.7
Hollinger Office:	38.1	90.8	65.6	126.0
Sandy:	15.2	21.9	15.7	23.0

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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	0.1
Edwards:	2.4	4.0
Hollinger Office:	2.5	7.1
Sandy:	0.3	0.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	0.4	0.9
Hollinger West:	0.3	0.2	0.2
Imerys:	0.7	0.4	1.0
Noah:	0.7	0.6	0.6
Moneta Pumping Station	0.5	0.2	0.4
Sandy:	0.0	0.5	0.5
Water Tower:	0.5	0.3	0.5
Wilson:	2.4	0.9	2.0



