

# Hollinger Public Blast Report

**Blast Pattern:** 3256-063  
**Date:** 31-Oct-23  
**Blast Time:** 11:30  
**Blast Sign Activation:** 7:43  
**Website Notification Time:** 7:44

## Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Partially Cloudy
Wind Speed:	12	km/h
Wind Direction:	NW	
Temperature:	-3.0	°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:	56.2 LAeq	93.6 dB
Edwards:	48.0 LAeq	89.3 dB
Fred:	43.6 LAeq	83.0 dB
Hollinger Office:	56.2 LAeq	93.5 dB
Noah:	60.6 LAeq	100.1 dB
Sandy:	42.8 Laeq	83.2 dB
Water Tower:	49.0 LAeq	89.6 dB
Wilson:	45.3 LAeq	96.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.5	6.9	9.1	13.2
Edwards:	26.4	31.5	25.8	33.9
Hollinger Office:	23.2	41.4	24.5	31.6
Sandy:	19.0	35.1	31.1	68.9

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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:	0.9	1.3
Edwards:	2.3	2.9
Hollinger Office:	4.4	11.5
Sandy:	22.2	39.4

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

**Vibration Alert: No exceedances recorded**

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



