

# Hollinger Public Blast Report

**Blast Pattern:** 3262\_073WS  
**Date:** 3-Sep-23  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:54  
**Website Notification Time:** 7:47

## Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	19	km/h
Wind Direction:	SW	
Temperature:	25.7	°C

## Noise Levels ( $L_{Aeq}$ ) – 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:	54.6 LAeq	104.5 dB
Edwards:	56.5 LAeq	108.9 dB
Fred:	43.9 LAeq	109.8 dB
Hollinger Office:	67.5 LAeq	113.9 dB
Noah:	61.1 LAeq	110.1 dB
Sandy:	47.4 Laeq	105.7 dB
Water Tower:	53.1 LAeq	117.2 dB
Wilson:	50.8 LAeq	109.5 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	22.4	23.2	2.4	2.5
Edwards:	16.8	18.7	44.6	52.4
Hollinger Office:	21.1	22.9	92.6	96.6
Sandy:	17.7	21.5	34.6	39.5

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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:	0.1	0.2
Edwards:	0.4	1.8
Hollinger Office:	1.4	2.0
Sandy:	0.7	0.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.5	1.0
Edwards:	0.3	0.3	0.5
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.4
Noah:	0.5	0.2	0.4
Moneta Pumping Station	0.4	0.2	0.2
Sandy:	0.0	0.1	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	0.8	0.4	0.8



