

# Hollinger Public Blast Report

**Blast Pattern:** 3256\_056  
**Date:** 28-Oct-23  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:18

## Blast Conditions

Ceiling Height:	1,969	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	19	km/h
Wind Direction:	NW	
Temperature:	-1.5	°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:	57.8 LAeq	110.4 dB
Edwards:	50.0 LAeq	100.7 dB
Fred:	46.0 LAeq	110.1 dB
Hollinger Office:	55.6 LAeq	112.4 dB
Noah:	61.1 LAeq	110.3 dB
Sandy:	45.1 LAeq	111.2 dB
Water Tower:	51.7 LAeq	119.6 dB
Wilson:	47.7 LAeq	104.4 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:	0.0	0.0	2.3	2.8
Edwards:	0.1	0.5	4.8	11.8
Hollinger Office:	0.5	1.2	0.6	1.5
Sandy:	0.4	0.6	2.3	5.3

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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:	0.2	0.4
Edwards:	2.1	4.0
Hollinger Office:	1.6	2.4
Sandy:	2.1	4.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.3	0.4
Edwards:	0.3	0.1	0.3
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.5	0.1	0.3
Imerys:	0.4	0.3	0.3
Noah:	0.5	0.4	0.8
Moneta Pumping Station	0.9	0.4	0.6
Sandy:	0.0	0.3	0.7
Water Tower:	0.3	0.1	0.3
Wilson:	0.6	0.3	1.0



