

# Hollinger Public Blast Report

**Blast Pattern:** 3256\_068  
**Date:** 1-Nov-23  
**Blast Time:** 11:31  
**Blast Sign Activation:** 7:34  
**Website Notification Time:** 7:28

## Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	16	km/h
Wind Direction:	SW	
Temperature:	-2.1	°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:	57.3 LAeq	107.4 dB
Edwards:	48.5 LAeq	104.9 dB
Fred:	43.5 LAeq	105.3 dB
Hollinger Office:	57.5 LAeq	110.0 dB
Noah:	59.7 LAeq	104 dB
Sandy:	48.5 LAeq	102.5 dB
Water Tower:	47.9 LAeq	111.2 dB
Wilson:	48.9 LAeq	108.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	30.6	119.4	51.7	206.9
Edwards:	29.4	67.3	46.5	158.6
Hollinger Office:	20.7	29.4	13.9	21.2
Sandy:	7.0	15.4	4.7	13.2

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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:	0.6	1.3
Edwards:	3.9	5.0
Hollinger Office:	8.8	17.6
Sandy:	4.6	5.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.3	0.6	1.1
Hollinger West:	0.4	0.2	0.3
Imerys:	0.5	0.6	0.7
Noah:	0.9	0.6	0.9
Moneta Pumping Station	0.5	0.2	0.5
Sandy:	0.0	0.3	0.6
Water Tower:	0.5	0.3	0.5
Wilson:	0.9	0.4	0.9



