

# Hollinger Public Blast Report

**Blast Pattern:** 3262\_071ws  
**Date:** 18-Oct-23  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:33  
**Website Notification Time:** 7:26

## Blast Conditions

Ceiling Height:	2,952	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	14	km/h
Wind Direction:	S	
Temperature:	7.1	°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:	55.9 LAeq	104.8 dB
Edwards:	49.5 LAeq	97.2 dB
Fred:	44.4 LAeq	95.2 dB
Hollinger Office:	54.4 LAeq	109.8 dB
Noah:	60.2 LAeq	102.2 dB
Sandy:	50.0 LAeq	104.1 dB
Water Tower:	50.1 LAeq	109.4 dB
Wilson:	49.4 LAeq	98.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.0	8.7	6.3	7.1
Edwards:	6.2	6.6	10.5	11.6
Hollinger Office:	5.5	7.3	13.8	17.4
Sandy:	5.2	6.5	7.2	10.2

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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:	0.8	2.2
Edwards:	1.3	3.1
Hollinger Office:	6.2	14.7
Sandy:	0.0	0.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.2	0.4
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.2	0.1	0.4
Hollinger West:	0.4	0.1	0.4
Imerys:	0.5	0.2	0.5
Noah:	0.5	0.5	0.5
Moneta Pumping Station	0.8	0.7	1.0
Sandy:	0.0	0.7	1.0
Water Tower:	0.4	0.2	0.4
Wilson:	0.7	0.7	1.3



