

# Hollinger Public Blast Report

**Blast Pattern:** 3274-073ws  
**Date:** 24-Jul-23  
**Blast Time:** 15:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1,312 ft  
Boundary Layer Height: N/A m  
Cloud Cover: 100% Overcast  
Wind Speed: 11 km/h  
Wind Direction: NW  
Temperature: 18.9 °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:	55.7 LAeq	103.5 dB
Edwards:	48.4 LAeq	95.5 dB
Fred:	43.9 LAeq	95.7 dB
Hollinger Office:	56.2 LAeq	103.5 dB
Noah:	60.6 LAeq	101.5 dB
Sandy:	43.4 LAeq	103.4 dB
Water Tower:	49.0 LAeq	107.4 dB
Wilson:	49.5 LAeq	99 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	27.5	29.1	2.0	2.2
Edwards:	10.1	10.8	32.9	37.0
Hollinger Office:	13.4	13.9	64.1	67.9
Sandy:	16.5	21.9	29.8	44.4

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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	1.2
Edwards:	1.0	1.3
Hollinger Office:	1.9	2.8
Sandy:	2.1	5.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	2.8	0.8	2.7
Hollinger West:	0.3	0.1	0.2
Imerys:	1.0	0.9	1.1
Noah:	1.0	0.7	1.1
Moneta Pumping Station	0.2	0.1	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.9	0.9	1.1
Wilson:	0.4	0.4	0.3



