

# Hollinger Public Blast Report

**Blast Pattern:** 3274\_072  
**Date:** 18-Jul-23  
**Blast Time:** 15:38  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:10

## Blast Conditions

Ceiling Height: 1,640 ft  
Boundary Layer Height: N/A m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 11 km/h  
Wind Direction: W  
Temperature: 19.2 °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:	56.1 LAeq	105.5 dB
Edwards:	49.7 LAeq	101.9 dB
Fred:	43.1 LAeq	98.4 dB
Hollinger Office:	56.6 LAeq	108.2 dB
Noah:	60.0 LAeq	100.1 dB
Sandy:	45.6 Laeq	99.3 dB
Water Tower:	47.8 LAeq	108.7 dB
Wilson:	47.9 LAeq	99.2 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:	14.5	15.5	1.9	2.1
Edwards:	5.9	11.0	17.3	49.0
Hollinger Office:	17.4	29.4	48.5	64.1
Sandy:	4.3	5.6	7.0	9.1

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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:	1.0	2.0
Edwards:	4.4	12.3
Hollinger Office:	4.3	10.6
Sandy:	0.9	1.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.8	0.7	1.2
Hollinger West:	0.5	0.1	0.4
Imerys:	0.7	0.8	1.3
Noah:	0.8	0.5	0.8
Moneta Pumping Station	0.5	0.2	0.8
Sandy:	0.1	0.3	0.6
Water Tower:	0.8	0.5	1.0
Wilson:	1.3	0.9	1.1



