

# Hollinger Public Blast Report

**Blast Pattern:** 3274\_070A  
**Date:** 8-Jul-23  
**Blast Time:** 15:35  
**Blast Sign Activation:** 7:15  
**Website Notification Time:** 7:13

## Blast Conditions

Ceiling Height: 3,609 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 11 km/h  
Wind Direction: N  
Temperature: 21.3 °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	102.2 dB
Edwards:	46.9 LAeq	92.0 dB
Fred:	43.8 LAeq	95.7 dB
Hollinger Office:	54.7 LAeq	106.2 dB
Noah:	59.0 LAeq	98.8 dB
Sandy:	41.7 LAeq	95.3 dB
Water Tower:	48.9 LAeq	104.1 dB
Wilson:	53.8 LAeq	104 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:	14.3	14.9	2.7	3.0
Edwards:	12.2	13.9	15.6	20.0
Hollinger Office:	11.8	12.4	52.9	56.3
Sandy:	13.4	29.8	14.0	35.7

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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	1.5
Edwards:	1.2	2.1
Hollinger Office:	1.7	2.5
Sandy:	1.8	3.6

## 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	0.4	0.8
Hollinger Office:	1.7	0.6	1.2
Hollinger West:	0.2	0.1	0.3
Imerys:	1.0	0.5	0.9
Noah:	0.5	0.4	0.6
Moneta Pumping Station	0.3	0.2	0.3
Sandy:	0.1	0.1	0.3
Water Tower:	0.6	0.3	0.6
Wilson:	0.6	0.5	0.7



