

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_079WS  
**Date:** 10-Aug-22  
**Blast Time:** 15:58  
**Blast Sign Activation:** 7:42  
**Website Notification Time:** 7:33

## Blast Conditions

Ceiling Height: 6,561 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 28  
Wind Direction: W  
Temperature: 25.3 °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:	59.8 LAeq	114.2 dB
Edwards:	53.6 LAeq	112.7 dB
Fred:	49.5 LAeq	109.2 dB
Hollinger Office:	58.4 LAeq	115.2 dB
Noah:	62.5 LAeq	111.4 dB
Sandy:	52.0 LAeq	110.2 dB
Water Tower:	50.8 LAeq	119.0 dB
Wilson:	50.3 LAeq	119.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.7	17.5	10.6	17.5
Edwards:	27.2	72.3	33.0	77.1
Hollinger Office:	28.6	61.2	31.2	71.2
Sandy:	19.3	30.4	10.5	16.2

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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	1.5
Edwards:	1.2	3.5
Hollinger Office:	2.1	3.5
Sandy:	0.5	0.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.5	0.1	0.3
Imerys:	0.3	0.1	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	5.5	0.3	1.5
Water Tower:	0.4	0.1	0.3
Wilson:	0.6	0.6	0.5



