

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_083  
**Date:** 22-Jul-22  
**Blast Time:** 15:46  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 20,997 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11  
Wind Direction: W  
Temperature: 22.7 °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:	73.7 LAeq	112.6 dB
Edwards:	52.5 LAeq	100.9 dB
Fred:	46.9 LAeq	101.1 dB
Hollinger Office:	58.4 LAeq	106.5 dB
Noah:	64.1 LAeq	100.2 dB
Sandy:	53.9 LAeq	103.8 dB
Water Tower:	51.3 LAeq	107.8 dB
Wilson:	49.8 LAeq	103.9 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:	13.6	15.8	11.7	14.8
Edwards:	14.7	17.7	25.9	32.4
Hollinger Office:	23.9	36.1	48.0	82.0
Sandy:	7.1	7.7	18.1	22.0

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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	2.1
Edwards:	3.0	11.6
Hollinger Office:	7.6	23.6
Sandy:	1.0	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	1.6	2.7
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.7	0.3	0.7
Hollinger West:	0.2	0.1	0.1
Imerys:	0.5	0.2	0.5
Noah:	0.8	0.4	0.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.1	0.1	0.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.7	0.4	0.9