

# Hollinger Public Blast Report

**Blast Pattern:** 3316-072  
**Date:** 13-Jul-21  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 8,858 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 11  
Wind Direction: SE  
Temperature: 24 °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:	55.0 LAeq	110.3 dB
Edwards:	46.9 LAeq	98.0 dB
Fred:	45.2 LAeq	99.9 dB
Hollinger Office:	57.0 LAeq	111.3 dB
Noah:	62.4 LAeq	102.8 dB
Sandy:	50.6 LAeq	100.3 dB
Water Tower:	51.1 LAeq	107.8 dB
Wilson:	53.3 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:	38.1	40.8	55.3	58.5
Edwards:	17.0	18.0	76.8	80.6
Hollinger Office:	27.7	30.7	99.8	116.5
Sandy:	20.3	24.0	68.6	76.9

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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:	4.0	11.8
Edwards:	0.4	1.1
Hollinger Office:	3.8	9.9
Sandy:	1.1	1.5

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

**Vibration Alert: No exceedances recorded**

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