

# Hollinger Public Blast Report

**Blast Pattern:** 3232\_015  
**Date:** 23-Jun-21  
**Blast Time:** 11:44  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 32,808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13  
Wind Direction: S  
Temperature: 15.9 °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:	57.6 LAeq	108.1 dB
Edwards:	53.2 LAeq	111.3 dB
Fred:	49.5 LAeq	110.0 dB
Hollinger Office:	58.6 LAeq	118.2 dB
Noah:	61.2 LAeq	113.3 dB
Sandy:	52.2 LAeq	109.0 dB
Water Tower:	58.4 LAeq	117.7 dB
Wilson:	51.6 LAeq	109.3 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:	4.3	5.1	18.4	19.9
Edwards:	5.2	6.4	9.8	14.9
Hollinger Office:	1.3	2.3	9.9	13.4
Sandy:	5.7	10.2	14.2	29.3

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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:	0.5	1.0
Edwards:	1.5	6.5
Hollinger Office:	3.3	13.9
Sandy:	0.7	1.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	1.2	0.5	0.9
Imerys:	2.7	1.5	2.0
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.8	0.4	0.8
Sandy:	2.2	1.4	1.9
Water Tower:	1.9	1.4	3.2
Wilson:	1.8	2.0	2.3