

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_068  
**Date:** 14-Jun-21  
**Blast Time:** 11:33  
**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: 100% Overcast  
Wind Speed: 22  
Wind Direction: N  
Temperature: 14.5 °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:	57.1 LAeq	109.6 dB
Edwards:	50.9 LAeq	99.7 dB
Fred:	48.0 LAeq	101.9 dB
Hollinger Office:	57.0 LAeq	110.8 dB
Noah:	62.0 LAeq	102.4 dB
Sandy:	49.4 LAeq	103.7 dB
Water Tower:	51.5 LAeq	109.4 dB
Wilson:	49.4 LAeq	105.8 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:	8.3	8.7	27.6	28.1
Edwards:	9.1	9.7	19.0	21.5
Hollinger Office:	12.5	12.8	22.5	24.6
Sandy:	10.8	13.9	22.9	28.4

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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:	0.3	1.1
Hollinger Office:	2.7	5.0
Sandy:	4.2	5.7

## 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:	0.0	0.0	0.1
Hollinger Office:	0.8	0.3	0.8
Hollinger West:	0.0	0.0	0.0
Imerys:	1.2	0.1	0.0
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.5	0.3	0.6
Sandy:	0.0	0.0	0.0
Water Tower:	0.4	0.2	0.4
Wilson:	0.7	0.5	0.8