

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_007, 3292\_012  
**Date:** 15-Jun-21  
**Blast Time:** 15:42  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 7:00

## Blast Conditions

Ceiling Height: 29,856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 16  
Wind Direction: N  
Temperature: 16 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	60.9 LAeq	108.6 dB
Edwards:	56.8 LAeq	104.6 dB
Fred:	49.1 LAeq	110.9 dB
Hollinger Office:	57.7 LAeq	111.8 dB
Noah:	63.1 LAeq	108.0 dB
Sandy:	53.0 LAeq	115.1 dB
Water Tower:	52.2 LAeq	115.9 dB
Wilson:	52.9 LAeq	114.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	5.7	17.9	19.7
Edwards:	5.0	5.9	11.7	14.3
Hollinger Office:	9.2	10.2	14.4	19.8
Sandy:	8.4	14.4	15.5	26.5

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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:	0.1	0.2
Edwards:	0.1	0.2
Hollinger Office:	3.6	5.6
Sandy:	3.2	6.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:			
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.0	0.0	0.0
Hollinger West:			
Imerys:	0.1	0.2	0.2
Noah:			
Moneta Pumping Station:	0.1	0.0	0.0
Sandy:			
Water Tower:	0.0	0.0	0.0
Wilson:	0.2	0.2	0.2