

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_026  
**Date:** 6-Nov-21  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:25  
**Website Notification Time:** 7:16

## Blast Conditions

Ceiling Height: 13,123 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 17  
Wind Direction: S  
Temperature: 7.9 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	56.5 LAeq	106.3 dB
Edwards:	52.8 LAeq	109.3 dB
Fred:	46.9 LAeq	112.9 dB
Hollinger Office:	58.2 LAeq	120.8 dB
Noah:	61.3 LAeq	111.0 dB
Sandy:	48.0 LAeq	111.2 dB
Water Tower:	58.8 LAeq	118.5 dB
Wilson:	53.4 LAeq	111.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.5	16.9	14.4	16.9
Edwards:	18.4	22.4	30.1	45.8
Hollinger Office:	16.1	22.7	31.8	44.8
Sandy:	10.8	13.2	17.5	20.2

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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:	1.7	3.4
Edwards:	21.5	23.1
Hollinger Office:	7.3	9.0
Sandy:	2.2	2.3

## 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:	0.1	0.1	0.1
Hollinger West:	1.7	1.0	1.3
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	1.0	0.6	0.9
Water Tower:	0.5	0.5	0.4
Wilson:	1.5	1.5	1.5