

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_003  
**Date:** 17-Aug-21  
**Blast Time:** 11:32  
**Blast Sign Activation:** 8:07  
**Website Notification Time:** 7:37

## Blast Conditions

Ceiling Height: 29,855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 9  
Wind Direction: S  
Temperature: 24.3 °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:	55.9 LAeq	98.7 dB
Edwards:	55.7 LAeq	106.0 dB
Fred:	44.8 LAeq	95.6 dB
Hollinger Office:	58.5 LAeq	105.1 dB
Noah:	59.6 LAeq	105.8 dB
Sandy:	48.8 LAeq	104.6 dB
Water Tower:	50.3 LAeq	112.5 dB
Wilson:	51.7 LAeq	105.7 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:	16.7	17.6	14.9	18.0
Edwards:	19.8	24.5	27.2	37.8
Hollinger Office:	29.1	33.6	38.5	45.1
Sandy:	18.3	25.5	25.8	37.0

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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:	0.8	2.1
Edwards:	1.8	7.5
Hollinger Office:	1.8	3.6
Sandy:	1.2	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.6	0.3	0.4
Hollinger West:	5.9	2.8	3.8
Imerys:	1.3	1.1	1.0
Noah:	1.0	1.1	0.9
Moneta Pumping Station:	0.7	0.5	0.5
Sandy:	1.4	0.7	1.0
Water Tower:	2.6	2.6	3.4
Wilson:	2.4	3.8	2.8