

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_007 & 3286\_010A  
**Date:** 24-Aug-21  
**Blast Time:** 15:37  
**Blast Sign Activation:** 7:15  
**Website Notification Time:** 7:05

## Blast Conditions

Ceiling Height: 4,200 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Clouds  
Wind Speed: 9  
Wind Direction: NW  
Temperature: 26.6 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	57.3 LAeq	100.5 dB
Edwards:	51.9 LAeq	93.9 dB
Fred:	44.7 LAeq	101.4 dB
Hollinger Office:	58.6 LAeq	105.4 dB
Noah:	61.0 LAeq	101.2 dB
Sandy:	45.9 LAeq	107.3 dB
Water Tower:	50.8 LAeq	112.1 dB
Wilson:	50.3 LAeq	104.2 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	16.6	22.2	14.2	21.4
Edwards:	0.0	0.0	31.6	95.9
Hollinger Office:	24.1	29.9	34.2	43.0
Sandy:	26.9	61.2	28.8	67.7

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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:	1.9	2.8
Edwards:	1.7	6.4
Hollinger Office:	4.4	6.9
Sandy:	7.5	10.2

## 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:	0.0	0.0	0.1
Hollinger Office:	0.4	0.2	0.1
Hollinger West:	4.0	1.7	0.1
Imerys:	1.3	1.1	0.1
Noah:	1.6	1.4	0.1
Moneta Pumping Station:	0.9	1.1	0.1
Sandy:	1.2	0.8	0.1
Water Tower:	3.2	2.0	0.1
Wilson:	3.0	3.5	0.1