

# Hollinger Public Blast Report

**Blast Pattern:** 3292-021/3292-019  
**Date:** 12-Jul-21  
**Blast Time:** 15:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 29,855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6  
Wind Direction: S  
Temperature: 27.8 °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:	55.4 LAeq	103.5 dB
Edwards:	48.9 LAeq	100.2 dB
Fred:	46.4 LAeq	97.6 dB
Hollinger Office:	56.4 LAeq	108.1 dB
Noah:	59.5 LAeq	103.8 dB
Sandy:	49.9 LAeq	110.6 dB
Water Tower:	50.7 LAeq	112.7 dB
Wilson:	57.3 LAeq	104.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	37.7	42.2	37.6	46.6
Edwards:	15.1	17.6	66.1	70.6
Hollinger Office:	30.9	34.5	86.9	100.8
Sandy:	27.5	36.8	54.9	75.3

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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:	1.8	8.0
Edwards:	0.3	1.5
Hollinger Office:	1.3	3.8
Sandy:	1.0	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.4	0.9
Hollinger West:	1.9	0.9	1.5
Imerys:	1.7	1.9	1.4
Noah:	0.9	0.8	0.8
Moneta Pumping Station:	0.9	0.5	1.1
Sandy:	3.1	1.8	2.1
Water Tower:	6.4	3.1	5.0
Wilson:	1.8	2.0	2.0