

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_077  
**Date:** 19-Jul-21  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 24,934 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 6  
Wind Direction: SE  
Temperature: 23.9 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	62.2 LAeq	107.6 dB
Edwards:	49.2 LAeq	92.7 dB
Fred:	45.4 LAeq	87.3 dB
Hollinger Office:	56.2 LAeq	105.9 dB
Noah:	60.1 LAeq	102.8 dB
Sandy:	LAeq	dB
Water Tower:	47.7 LAeq	112.7 dB
Wilson:	48.8 LAeq	103.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	60.1	72.9	78.6	95.1
Edwards:	29.1	33.3	134.3	156.6
Hollinger Office:	0.0	0.0	152.9	180.3
Sandy:	32.5	44.0	115.1	148.8

# Hollinger Public Blast Report

## 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	3.8
Edwards:	1.5	5.1
Hollinger Office:	3.7	7.2
Sandy:	2.9	12.2

## 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:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	1.1	0.5	1.3
Imerys:	0.7	0.6	0.5
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	0.9	0.7	1.0
Sandy:	5.2	3.1	4.9
Water Tower:	1.6	0.9	2.0
Wilson:	1.5	1.4	1.7