

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_026  
**Date:** 24-Aug-19  
**Blast Time:** 15:45  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 7:36

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 4 km/hr  
Wind Direction: SE  
Temperature: 22.6 °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:	54.0 LAeq	106.7 dB
Edwards:	46.4 LAeq	99.7 dB
Fred:	42.0 LAeq	88.3 dB
Hollinger Office:	53.5 LAeq	110.9 dB
Noah:	60.4 LAeq	108.3 dB
Sandy:	47.2 LAeq	113.8 dB
Water Tower:	49.6 LAeq	120.2 dB
Wilson:	46.4 LAeq	116.0 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:	8.9	9.5	4.9	6.7
Edwards:			12.8	15.2
Hollinger Office:	13.2	13.8	12.8	16.1
Sandy:	14.4	43.4	16.2	46.5

# 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:	0.6	0.9
Edwards:	1.3	1.7
Hollinger Office:	1.3	1.9
Sandy:	2.9	6.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.1	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.5	1.3	1.6
Imerys:	0.4	0.4	0.4
Noah:	0.4	0.4	0.3
Moneta Pumping Station:	0.6	0.4	0.8
Sandy:	2.4	1.2	2.0
Water Tower:	0.8	0.6	1.1
Wilson:	3.2	3.2	3.5