

# Hollinger Public Blast Report



**Blast Pattern:** 3346\_183  
**Date:** 4-Aug-19  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: 21.6 °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:	57.6 LAeq	112.2 dB
Edwards:	49.3 LAeq	107.2 dB
Fred:	42.2 LAeq	94.8 dB
Hollinger Office:	52.6 LAeq	106.8 dB
Noah:	59.7 LAeq	97.2 dB
Sandy:	57.4 LAeq	91.7 dB
Water Tower:	49.1 LAeq	100.3 dB
Wilson:	47.7 LAeq	99.1 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:	7.1	8.1	1.2	3.0
Edwards:	6.5	7.5	16.6	22.7
Hollinger Office:	41.4	80.3	53.7	129.2
Sandy:	4.5	4.8	8.1	9.1

# 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:	0.5	1.6
Edwards:	2.3	4.1
Hollinger Office:	3.1	10.5
Sandy:	0.8	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.0	0.9	1.5
Hollinger West:	0.1	0.0	0.0
Imerys:	0.4	0.4	0.4
Noah:	0.5	0.6	0.4
Moneta Pumping Station:	0.1	0.1	0.0
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.6