

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_037  
**Date:** 17-Aug-19  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:38  
**Website Notification Time:** 7:21

## Blast Conditions

Ceiling Height: 12000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: SE  
Temperature: 22.3 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

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

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	51.4 LAeq	99.2 dB
Edwards:	47.2 LAeq	94.8 dB
Fred:	47.9 LAeq	98.8 dB
Hollinger Office:	53.1 LAeq	104.4 dB
Noah:	61.7 LAeq	101.7 dB
Sandy:	51.1 LAeq	100.8 dB
Water Tower:	47.9 LAeq	113.4 dB
Wilson:	49.9 LAeq	102.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	15.3	10.8	30.0
Edwards:	6.0	14.4	18.3	57.4
Hollinger Office:	22.6	23.9	19.7	23.3
Sandy:	6.1	7.3	13.2	18.7

# 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:	0.7	2.0
Edwards:	1.0	1.5
Hollinger Office:	2.8	6.8
Sandy:	0.9	1.3

## 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:	0.5	0.5	0.5
Hollinger West:	0.4	0.3	0.5
Imerys:	1.3	0.8	1.3
Noah:	1.1	0.6	1.3
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.8	0.5	0.7
Water Tower:	1.9	2.2	3.4
Wilson:	1.7	2.1	1.5