

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_034  
**Date:** 31-Aug-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 10000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7 km/hr  
Wind Direction: W  
Temperature: 16.5 °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:	55.3 LAeq	105.8 dB
Edwards:	53.5 LAeq	101.6 dB
Fred:	44.7 LAeq	100.7 dB
Hollinger Office:	55.6 LAeq	107.5 dB
Noah:	61.3 LAeq	103.1 dB
Sandy:	45.1 LAeq	105.1 dB
Water Tower:	48.4 LAeq	113.2 dB
Wilson:	50.6 LAeq	106.2 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:	6.9	7.5		
Edwards:	7.9	20.3	13.8	43.5
Hollinger Office:	14.2	16.2	10.4	12.0
Sandy:	4.0	20.7	9.7	38.3

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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:	0.1	0.4
Edwards:	2.6	5.4
Hollinger Office:	1.0	1.3
Sandy:	3.5	27.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.4	0.4	0.6
Imerys:	0.4	0.4	0.4
Noah:	0.3	0.7	0.3
Moneta Pumping Station:	0.7	0.5	0.7
Sandy:	3.9	3.0	2.6
Water Tower:	0.7	0.7	1.3
Wilson:	1.4	1.1	1.3