

# Hollinger Public Blast Report



**Blast Pattern:** 3350.5\_010  
**Date:** 14-Aug-19  
**Blast Time:** 11:45  
**Blast Sign Activation:** 7:26  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height: 6000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 11 km/hr  
Wind Direction: NW  
Temperature: 17 °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:	56.2 LAeq	106.3 dB
Edwards:	49.4 LAeq	104.7 dB
Fred:	43.7 LAeq	99.0 dB
Hollinger Office:	57.2 LAeq	107.3 dB
Noah:	62.5 LAeq	99.1 dB
Sandy:	44.9 LAeq	97.4 dB
Water Tower:	47.5 LAeq	102.6 dB
Wilson:	48.4 LAeq	98.3 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:	4.9	5.4	2.8	3.4
Edwards:	3.7	5.2	6.8	13.5
Hollinger Office:	8.6	18.3	7.7	32.9
Sandy:	9.0	16.9	8.2	21.5

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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	0.6
Edwards:	1.3	1.8
Hollinger Office:	2.5	4.5
Sandy:	2.2	4.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.7	0.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.0	0.0	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.2	0.2