

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_014  
**Date:** 11-Jun-19  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:36  
**Website Notification Time:** 7:27

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 17 km/hr  
Wind Direction: W  
Temperature: 15.5 °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	107.7 dB
Edwards:	51.7 LAeq	102.1 dB
Fred:	LAeq	dB
Hollinger Office:	56.7 LAeq	111.1 dB
Noah:	61.6 LAeq	106.0 dB
Sandy:	44.7 LAeq	110.0 dB
Water Tower:	49.4 LAeq	117.1 dB
Wilson:	48.7 LAeq	104.4 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:	10.3	18.2	11.5	23.5
Edwards:	3.0	4.1	9.9	17.6
Hollinger Office:	12.0	22.1	16.1	47.6
Sandy:	5.3	6.5	8.3	11.2

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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:	1.3	2.5
Edwards:	4.6	10.5
Hollinger Office:	2.6	4.7
Sandy:	2.1	6.7

## 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:	0.7	0.7	0.6
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.7	0.5	0.8
Imerys:	0.7	0.5	0.7
Noah:	0.5	0.5	0.4
Moneta Pumping Station:	1.3	0.9	0.9
Sandy:	4.9	2.7	5.1
Water Tower:	1.1	1.3	1.8
Wilson:	1.5	1.5	2.1