

# Hollinger Public Blast Report



**Blast Pattern:** 3352\_169  
**Date:** 20-Jun-19  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:25  
**Website Notification Time:** 8:14

## Blast Conditions

Ceiling Height: 3700 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 20 km/hr  
Wind Direction: N  
Temperature: 15.9 °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	107.0 dB
Edwards:	52.9 LAeq	103.5 dB
Fred:	47.0 LAeq	105.8 dB
Hollinger Office:	56.6 LAeq	104.4 dB
Noah:	61.1 LAeq	104.9 dB
Sandy:	48.4 LAeq	106.9 dB
Water Tower:	50.6 LAeq	109.9 dB
Wilson:	50.4 LAeq	106.5 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:	1.8	2.1	3.8	4.5
Edwards:	4.3	5.1	8.5	11.7
Hollinger Office:	11.5	13.0	13.3	18.5
Sandy:	16.2	47.1		

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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	0.2
Edwards:	1.4	1.8
Hollinger Office:	4.2	7.1
Sandy:	0.0	0.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.7	1.3	1.5
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.1	0.2
Hollinger West:	0.4	0.3	0.3
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.5	0.5
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.1	0.4