

# Hollinger Public Blast Report



**Blast Pattern:** 3352\_168A  
**Date:** 29-Jun-19  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:40  
**Website Notification Time:** 7:32

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 17 km/hr  
Wind Direction: NW  
Temperature: 21.3 °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:	55.2 LAeq	104.7 dB
Edwards:	50.1 LAeq	99.0 dB
Fred:	45.8 LAeq	104.1 dB
Hollinger Office:	55.3 LAeq	109.8 dB
Noah:	62.2 LAeq	102.6 dB
Sandy:	43.6 LAeq	101.7 dB
Water Tower:	50.2 LAeq	111.0 dB
Wilson:	47.5 LAeq	107.7 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:	6.4	6.8	12.3	13.3
Edwards:	7.0	9.0	14.8	20.3
Hollinger Office:	9.0	10.1	15.2	19.7
Sandy:	9.0	13.8	18.1	26.1

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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:	0.0	0.0
Edwards:	0.9	1.2
Hollinger Office:	1.1	2.2
Sandy:	2.1	5.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.5	1.6
Edwards:	0.5	0.5	0.3
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.1	0.1	0.5
Imerys:	0.2	0.1	0.2
Noah:	0.5	0.5	0.5
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.1	0.1	0.1
Wilson:	0.9	0.9	0.5