

# Hollinger Public Blast Report



**Blast Pattern:** 3346\_169  
**Date:** 10-Jun-19  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:47

## Blast Conditions

Ceiling Height: 400 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: 16 °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:	55.6 LAeq	109.0 dB
Edwards:	47.5 LAeq	101.0 dB
Fred:	LAeq	dB
Hollinger Office:	55.7 LAeq	112.9 dB
Noah:	62.7 LAeq	103.2 dB
Sandy:	47.3 LAeq	97.4 dB
Water Tower:	51.1 LAeq	108.9 dB
Wilson:	52.2 LAeq	101.9 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:	14.0	15.3	19.8	20.7
Edwards:	7.4	7.8	14.3	16.1
Hollinger Office:	20.8	23.5	18.9	27.7
Sandy:	4.1	4.7	16.3	17.0

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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:	4.7	17.1
Edwards:	1.1	2.1
Hollinger Office:	7.5	29.7
Sandy:	0.0	0.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.7	0.7
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.8	0.6	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.8	0.3	1.0