

# Hollinger Public Blast Report



**Blast Pattern:** 3340\_132  
**Date:** 21-Nov-19  
**Blast Time:** 11:40  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 657 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 15 km/hr  
Wind Direction: S  
Temperature: 1.5 °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:	55.5 LAeq	105.1 dB
Edwards:	46.6 LAeq	101.1 dB
Fred:	43.8 LAeq	100.8 dB
Hollinger Office:	54.2 LAeq	110.8 dB
Noah:	62.0 LAeq	104.9 dB
Sandy:	45.8 LAeq	99.9 dB
Water Tower:	52.0 LAeq	109.9 dB
Wilson:	53.8 LAeq	100.8 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:	21.0	24.1	15.7	18.9
Edwards:	8.6	9.8	28.2	33.1
Hollinger Office:	14.3	17.8	29.7	36.2
Sandy:	8.7	10.3	29.6	33.5

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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:	4.9	17.0
Edwards:	1.8	3.0
Hollinger Office:	7.0	19.1
Sandy:	2.5	3.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	5.2	1.9	7.1
Hollinger West:	0.2	0.1	0.2
Imerys:	1.9	1.0	2.2
Noah:	1.2	0.9	1.6
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	1.1	0.5	0.8
Wilson:	0.7	0.6	0.4