

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_119  
**Date:** 9-Dec-19  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: NE  
Temperature: -18 °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:	51.6 LAeq	108.5 dB
Edwards:	45.4 LAeq	107.7 dB
Fred:	39.1 LAeq	97.6 dB
Hollinger Office:	55.7 LAeq	115.6 dB
Noah:	58.4 LAeq	107.1 dB
Sandy:	51.0 LAeq	100.7 dB
Water Tower:	47.1 LAeq	109.9 dB
Wilson:	46.4 LAeq	106.4 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:	5.8	6.6	3.5	4.2
Edwards:	3.1	3.3	9.9	10.9
Hollinger Office:	4.2	4.6	12.6	16.6
Sandy:	10.7	14.0	12.5	18.2

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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:	0.2	0.3
Edwards:	3.3	4.5
Hollinger Office:	6.6	14.8
Sandy:	19.3	68.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.8	1.0	1.2
Edwards:	0.3	0.2	0.7
Hollinger Office:	0.6	0.6	1.0
Hollinger West:	0.2	0.2	0.2
Imerys:	1.0	0.4	0.9
Noah:	1.3	0.4	1.7
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.4	0.3	0.4
Water Tower:	0.4	0.3	0.5
Wilson:	1.7	0.7	0.9