

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_043  
**Date:** 25-Nov-19  
**Blast Time:** 11:45  
**Blast Sign Activation:** 8:43  
**Website Notification Time:** 8:33

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 2 km/hr  
Wind Direction: N  
Temperature: -1.8 °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:	51.9 LAeq	99.2 dB
Edwards:	50.4 LAeq	93.0 dB
Fred:	37.0 LAeq	88.4 dB
Hollinger Office:	59.1 LAeq	103.8 dB
Noah:	58.3 LAeq	100.8 dB
Sandy:	38.0 LAeq	105.8 dB
Water Tower:	46.9 LAeq	111.0 dB
Wilson:	51.4 LAeq	106.1 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:	2.5	2.6	3.5	3.8
Edwards:	3.3	4.8	4.7	9.5
Hollinger Office:	3.7	6.2	5.7	9.8
Sandy:	1.5	2.6	10.4	13.1

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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:	1.6	6.9
Hollinger Office:	7.8	46.3
Sandy:	4.1	8.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.9	0.4	1.1
Hollinger West:	0.4	0.2	0.3
Imerys:	1.1	0.8	2.5
Noah:	0.8	1.1	0.9
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.6	0.3	0.5
Water Tower:	0.9	0.7	1.0
Wilson:	1.0	0.9	1.1