

# Hollinger Public Blast Report



**Blast Pattern:** 3346\_196  
**Date:** 2-Nov-19  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1151 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 11 km/hr  
Wind Direction: S  
Temperature: -0.1 °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:	52.9 LAeq	109.7 dB
Edwards:	43.3 LAeq	103.1 dB
Fred:	39.1 LAeq	93.0 dB
Hollinger Office:	53.8 LAeq	108.1 dB
Noah:	62.4 LAeq	104.4 dB
Sandy:	41.4 LAeq	98.4 dB
Water Tower:	52.4 LAeq	105.8 dB
Wilson:	48.1 LAeq	97.4 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:	2.4	3.1	3.8	4.3
Edwards:	5.3	6.0	4.5	5.7
Hollinger Office:	5.3	10.2	2.5	5.5
Sandy:	9.7	15.7	9.5	15.3

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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:	0.9	4.0
Edwards:	0.5	1.2
Hollinger Office:	9.8	24.5
Sandy:	0.9	1.9

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

**Vibration Alert: No exceedances recorded**

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