

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_069  
**Date:** 28-Nov-19  
**Blast Time:** 11:44  
**Blast Sign Activation:** 8:20  
**Website Notification Time:** 8:13

## Blast Conditions

Ceiling Height: 1969 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: N  
Temperature: -4.4 °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:	55.0 LAeq	102.6 dB
Edwards:	52.3 LAeq	102.9 dB
Fred:	42.4 LAeq	104.6 dB
Hollinger Office:	55.2 LAeq	108.7 dB
Noah:	61.0 LAeq	106.6 dB
Sandy:	40.3 LAeq	106.4 dB
Water Tower:	47.7 LAeq	115.3 dB
Wilson:	52.4 LAeq	110.6 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	2.5	2.7	2.9
Edwards:	5.5	5.8	4.7	5.1
Hollinger Office:	4.2	5.6	6.2	9.6
Sandy:	8.0	11.7	11.2	15.0

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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:	0.1	0.4
Edwards:	0.5	2.0
Hollinger Office:	8.6	23.4
Sandy:	8.2	25.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.4
Edwards:	0.3	0.1	0.2
Hollinger Office:	0.6	0.5	0.9
Hollinger West:	0.4	0.3	0.4
Imerys:	0.7	0.9	0.8
Noah:	1.5	0.6	0.7
Moneta Pumping Station:	0.6	0.4	0.5
Sandy:	0.9	0.5	1.3
Water Tower:	0.6	0.8	1.0
Wilson:	1.6	1.4	1.9