

# Hollinger Public Blast Report



**Blast Pattern:** 3322\_006  
**Date:** 18-Dec-19  
**Blast Time:** 11:59  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 3937 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 30 km/hr  
Wind Direction: NW  
Temperature: -26.5 °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:	60.3 LAeq	106.3 dB
Edwards:	48.3 LAeq	99.5 dB
Fred:	42.2 LAeq	110.9 dB
Hollinger Office:	56.0 LAeq	108.0 dB
Noah:	61.3 LAeq	107.2 dB
Sandy:	39.4 LAeq	112.0 dB
Water Tower:	46.6 LAeq	116.9 dB
Wilson:	48.7 LAeq	110.5 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:	4.8	7.4	1.7	2.4
Edwards:	4.2	4.8	8.2	9.2
Hollinger Office:	18.1	21.4	9.5	12.8
Sandy:	3.7	4.0	6.2	7.6

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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:	0.8	1.1
Edwards:	2.3	3.2
Hollinger Office:	4.7	5.0
Sandy:	3.9	5.4

## 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	0.1	0.1
Hollinger Office:	0.3	0.3	0.6
Hollinger West:	0.7	0.4	1.2
Imerys:	0.7	0.8	1.1
Noah:	1.0	0.7	0.8
Moneta Pumping Station:	0.7	0.4	0.7
Sandy:	4.5	2.5	2.8
Water Tower:	1.2	0.9	1.0
Wilson:	1.7	1.4	2.3