

# Hollinger Public Blast Report



**Blast Pattern:** 3340\_124  
**Date:** 17-Nov-19  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:26  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 3700 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: -2.2 °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:	52.1 LAeq	110.5 dB
Edwards:	51.3 LAeq	113.0 dB
Fred:	42.2 LAeq	108.9 dB
Hollinger Office:	55.9 LAeq	116.8 dB
Noah:	57.8 LAeq	109.7 dB
Sandy:	44.0 LAeq	106.9 dB
Water Tower:	55.2 LAeq	115.6 dB
Wilson:	51.4 LAeq	105.1 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:	4.2	4.7	4.1	5.4
Edwards:	1.9	2.0	7.1	8.0
Hollinger Office:	5.2	7.5	10.4	18.1
Sandy:	3.5	3.9	13.4	14.7

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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:	1.2	3.4
Edwards:	1.2	2.0
Hollinger Office:	5.4	7.1
Sandy:	1.6	1.9

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

**Vibration Alert: No exceedances recorded**

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