

# Hollinger Public Blast Report



**Blast Pattern:** 3340\_111  
**Date:** 18-Nov-19  
**Blast Time:** 11:45  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 7:31

## Blast Conditions

Ceiling Height: 1968 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 11 km/hr  
Wind Direction: S  
Temperature: -0.8 °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:	51.8 LAeq	98.7 dB
Edwards:	44.0 LAeq	92.6 dB
Fred:	39.9 LAeq	92.7 dB
Hollinger Office:	53.0 LAeq	103.9 dB
Noah:	59.4 LAeq	99.9 dB
Sandy:	43.8 LAeq	95.0 dB
Water Tower:	48.9 LAeq	105.5 dB
Wilson:	53.3 LAeq	96.2 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:	10.1	11.2	8.6	9.3
Edwards:	7.7	8.2	16.5	18.3
Hollinger Office:	11.3	12.9	21.5	23.7
Sandy:	11.5	12.5	21.1	22.1

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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:	3.8	8.0
Edwards:	1.8	3.6
Hollinger Office:	16.5	35.0
Sandy:	4.6	7.9

## 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:	0.0	0.0	0.0
Hollinger Office:	1.8	1.8	2.0
Hollinger West:	0.2	0.1	0.2
Imerys:	3.0	3.1	2.4
Noah:	0.8	0.6	1.2
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	1.8	0.7	1.7
Wilson:	0.5	0.3	0.4