

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_016  
**Date:** 23-Dec-20  
**Blast Time:** 11:35  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:28

## Blast Conditions

Ceiling Height: 1312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 26  
Wind Direction: SE  
Temperature: -5.6 °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:	53.3 LAeq	105.2 dB
Edwards:	52.4 LAeq	109.8 dB
Fred:	44.2 LAeq	109.3 dB
Hollinger Office:	58.8 LAeq	122.6 dB
Noah:	58.6 LAeq	110.8 dB
Sandy:	48.5 LAeq	106.8 dB
Water Tower:	53.1 LAeq	118.4 dB
Wilson:	53.5 LAeq	110.3 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.6	11.3	3.3	4.5
Edwards:	4.9	5.7	8.6	9.2
Hollinger Office:	10.2	15.2	14.4	32.0
Sandy:	4.9	5.6	5.5	6.2

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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:	0.4	0.8
Edwards:	0.9	2.3
Hollinger Office:	3.8	4.6
Sandy:	2.3	3.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	1.0	2.5	1.5
Imerys:	0.5	0.6	0.4
Noah:	0.8	0.6	0.8
Moneta Pumping Station:	0.4	0.4	0.3
Sandy:	1.3	0.5	1.9
Water Tower:	1.5	1.6	1.3
Wilson:	2.1	2.1	2.0