

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_019, 3304\_009  
**Date:** 14-Dec-20  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:31  
**Website Notification Time:** 7:00

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 22  
Wind Direction: NW  
Temperature: -6.8 °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:	54.6 LAeq	114.1 dB
Edwards:	51.5 LAeq	105.6 dB
Fred:	45.8 LAeq	110.8 dB
Hollinger Office:	56.7 LAeq	116.3 dB
Noah:	58.8 LAeq	110.0 dB
Sandy:	46.7 LAeq	111.3 dB
Water Tower:	57.0 LAeq	117.7 dB
Wilson:	48.9 LAeq	108.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.4	14.7	4.1	6.5
Edwards:	9.9	27.9	11.0	14.4
Hollinger Office:	5.0	9.0	19.3	57.8
Sandy:	2.1	3.5	6.3	12.1

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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:	2.1	5.2
Edwards:	2.9	11.6
Hollinger Office:	3.5	5.9
Sandy:	2.8	6.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	2.0	2.8	2.1
Imerys:	0.7	1.8	0.9
Noah:	1.1	1.2	1.3
Moneta Pumping Station:	0.4	0.4	0.3
Sandy:	2.3	1.1	2.1
Water Tower:	2.0	2.4	2.8
Wilson:	2.2	1.9	2.6