

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_104  
**Date:** 3-Dec-20  
**Blast Time:** 11:41  
**Blast Sign Activation:** N/A  
**Website Notification Time:** 9:44

## Blast Conditions

Ceiling Height: 1312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9 km/hr  
Wind Direction: SW  
Temperature: -3.1 °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:	55.2 LAeq	115.6 dB
Edwards:	49.5 LAeq	106.5 dB
Fred:	44.3 LAeq	101.8 dB
Hollinger Office:	56.6 LAeq	118.7 dB
Noah:	61.3 LAeq	107.3 dB
Sandy:	56.3 LAeq	105.3 dB
Water Tower:	47.5 LAeq	112.8 dB
Wilson:	49.7 LAeq	103.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	7.6	2.5	3.1
Edwards:	4.3	7.1	37.7	42.6
Hollinger Office:	10.7	25.1	16.7	39.5
Sandy:	1.4	2.0	3.4	6.5

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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:	1.0	1.9
Edwards:	5.6	14.2
Hollinger Office:	4.9	10.0
Sandy:	2.9	7.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.5
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.6	0.4
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	0.9	0.4	1.0
Water Tower:	0.1	0.1	0.2
Wilson:	0.5	0.3	0.7