

# Hollinger Public Blast Report

**Blast Pattern:** 3/20/2022  
**Date:** 20-Mar-22  
**Blast Time:** 11:31  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 7:00

## Blast Conditions

Ceiling Height: 984 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 15  
Wind Direction: NW  
Temperature: 2.6 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	53.4 LAeq	116.5 dB
Edwards:	48.4 LAeq	105.7 dB
Fred:	43.3 LAeq	106.0 dB
Hollinger Office:	54.1 LAeq	122.7 dB
Noah:	57.3 LAeq	107.6 dB
Sandy:	41.1 LAeq	114.8 dB
Water Tower:	46.1 LAeq	117.2 dB
Wilson:	56.2 LAeq	108.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.2	7.9	7.3	7.7
Edwards:	2.8	3.1	10.8	11.8
Hollinger Office:	2.7	3.4	10.6	13.4
Sandy:	0.9	0.9	7.9	8.4

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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:	0.2	0.3
Edwards:	1.2	1.8
Hollinger Office:	3.3	4.0
Sandy:	1.5	2.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.5	0.4	0.6
Hollinger West:	0.5	0.5	0.8
Imerys:	0.7	0.5	0.7
Noah:	0.9	0.7	1.1
Moneta Pumping Station:	1.3	0.6	1.0
Sandy:	1.4	1.0	1.8
Water Tower:	0.6	0.9	1.1
Wilson:	1.6	1.3	2.0



