

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_097 099B  
**Date:** 27-Mar-22  
**Blast Time:** 11:42  
**Blast Sign Activation:** 7:02  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 700 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 26  
Wind Direction: W  
Temperature: -16.9 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	54.8 LAeq	113.9 dB
Edwards:	47.0 LAeq	109.1 dB
Fred:	47.7 LAeq	119.5 dB
Hollinger Office:	54.8 LAeq	113.2 dB
Noah:	58.8 LAeq	111.6 dB
Sandy:	44.6 LAeq	111.8 dB
Water Tower:	55.3 LAeq	123.7 dB
Wilson:	50.0 LAeq	116.0 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.6	9.7	5.3	6.9
Edwards:	3.9	5.6	12.1	13.4
Hollinger Office:	18.6	26.0	9.3	10.6
Sandy:	7.8	9.3	9.5	10.7

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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:	0.0	0.0
Edwards:	0.0	0.2
Hollinger Office:	2.8	3.4
Sandy:	1.6	3.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.7	0.0
Edwards:	0.3	0.4	0.0
Hollinger Office:	0.7	0.8	0.3
Hollinger West:	0.3	0.3	1.3
Imerys:	0.6	0.5	0.3
Noah:	0.9	1.2	0.9
Moneta Pumping Station:	0.8	0.5	0.5
Sandy:	1.0	1.4	1.6
Water Tower:	0.5	0.5	1.8
Wilson:	2.8	4.7	2.1



