

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_109/108A  
**Date:** 4-Mar-22  
**Blast Time:** 15:32  
**Blast Sign Activation:** 7:24  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height: 29,855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 13  
Wind Direction: W  
Temperature: -4.7 °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:	52.4 LAeq	105.9 dB
Edwards:	48.0 LAeq	97.1 dB
Fred:	42.9 LAeq	99.5 dB
Hollinger Office:	53.5 LAeq	107.4 dB
Noah:	56.6 LAeq	100.2 dB
Sandy:	41.7 LAeq	98.0 dB
Water Tower:	43.6 LAeq	108.0 dB
Wilson:	58.6 LAeq	105.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.9	11.5	7.1	9.4
Edwards:	16.0	23.9	23.9	40.3
Hollinger Office:	9.0	15.8	18.6	45.2
Sandy:	3.2	3.4	7.5	8.0

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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	2.1
Edwards:	2.6	4.2
Hollinger Office:	5.8	6.5
Sandy:	1.5	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.9	1.9
Edwards:	0.4	0.3	0.3
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.2
Noah:	0.6	0.5	0.7
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.3	0.3	0.4
Water Tower:	0.2	0.2	0.2
Wilson:	0.6	0.6	0.8



