

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_060  
**Date:** 18-Sep-22  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:21  
**Website Notification Time:** 7:16

## Blast Conditions

Ceiling Height: 984 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 11 km/hr  
Wind Direction: E  
Temperature: 11.9 °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:	57.1 LAeq	108.2 dB
Edwards:	48.9 LAeq	105.1 dB
Fred:	44.6 LAeq	97.4 dB
Hollinger Office:	56.8 LAeq	110.3 dB
Noah:	60.7 LAeq	104.7 dB
Sandy:	45.6 LAeq	102.6 dB
Water Tower:	51.8 LAeq	109.9 dB
Wilson:	49.5 LAeq	100.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	5.3	1.4	1.7
Edwards:	2.8	4.2	3.5	4.8
Hollinger Office:	3.6	4.6	6.6	7.5
Sandy:	2.8	4.5	6.9	8.8

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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:	0.1	0.3
Edwards:	0.2	0.6
Hollinger Office:	0.7	1.1
Sandy:	11.6	36.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.7
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	0.6	0.5
Hollinger West:	0.5	0.2	0.4
Imerys:	0.8	0.5	0.7
Noah:	1.1	0.6	1.2
Moneta Pumping Station:	0.7	0.4	0.5
Sandy:	0.9	0.2	0.6
Water Tower:	0.5	0.3	0.9
Wilson:	1.0	0.7	1.3



