

# Hollinger Public Blast Report

**Blast Pattern:** 3244\_003  
**Date:** 16-Sep-22  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 984 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 15 km/hr  
Wind Direction: E  
Temperature: 9.6 °C

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

### Noise Alert:

### Blast Siren Locations:

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	56.5 LAeq	93.4 dB
Edwards:	49.3 LAeq	103.6 dB
Fred:	44.4 LAeq	97.3 dB
Hollinger Office:	55.3 LAeq	104.9 dB
Noah:	59.5 LAeq	101.4 dB
Sandy:	46.8 LAeq	102.6 dB
Water Tower:	49.9 LAeq	110.2 dB
Wilson:	52.8 LAeq	100.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.2	2.6	1.6	2.1
Edwards:	3.6	3.9	3.6	5.0
Hollinger Office:	6.7	7.0	4.1	4.9
Sandy:	4.8	9.8	6.2	14.1

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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	0.5
Edwards:	0.2	0.4
Hollinger Office:	0.9	1.4
Sandy:	5.5	14.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.2	0.5
Hollinger West:	1.1	0.3	0.8
Imerys:	1.4	1.1	1.2
Noah:	0.7	0.7	0.8
Moneta Pumping Station:	0.8	0.3	0.7
Sandy:	2.5	1.0	2.3
Water Tower:	2.5	1.8	3.4
Wilson:	1.8	1.3	1.4



