

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_056  
**Date:** 10-Sep-22  
**Blast Time:** 11:34  
**Blast Sign Activation:** 7:56  
**Website Notification Time:** 7:53

## Blast Conditions

Ceiling Height: 1,640 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 7 km/hr  
Wind Direction: SW  
Temperature: 21.4 °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:	55.8 LAeq	112.5 dB
Edwards:	48.6 LAeq	102.0 dB
Fred:	44.1 LAeq	94.4 dB
Hollinger Office:	56.2 LAeq	113.1 dB
Noah:	59.9 LAeq	103.8 dB
Sandy:	44.8 LAeq	100.6 dB
Water Tower:	45.8 LAeq	111.1 dB
Wilson:	48.4 LAeq	97.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.1	17.5	10.2	11.4
Edwards:	12.7	13.6	31.5	40.2
Hollinger Office:	18.0	26.1	32.1	50.9
Sandy:	7.5	10.8	22.0	27.7

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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:	0.7	2.1
Edwards:	0.7	1.1
Hollinger Office:	5.0	6.9
Sandy:	0.6	0.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.5	0.6
Hollinger West:	0.5	0.1	0.3
Imerys:	0.6	0.4	0.8
Noah:	0.6	0.6	0.8
Moneta Pumping Station:	0.7	0.4	0.8
Sandy:	5.4	0.6	1.9
Water Tower:	0.6	0.3	0.6
Wilson:	1.4	1.4	1.5



