

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_052  
**Date:** 21-Aug-22  
**Blast Time:** 11:40  
**Blast Sign Activation:** 7:22  
**Website Notification Time:** 7:17

## Blast Conditions

Ceiling Height: 984 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 6  
Wind Direction: NW  
Temperature: 19.3 °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	110.8 dB
Edwards:	54.4 LAeq	98.7 dB
Fred:	44.2 LAeq	90.7 dB
Hollinger Office:	58.2 LAeq	109.8 dB
Noah:	59.6 LAeq	104.2 dB
Sandy:	44.1 LAeq	103.7 dB
Water Tower:	46.9 LAeq	91.0 dB
Wilson:	51.7 LAeq	101.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.4	16.8	622.6	629.7
Edwards:	4.2	4.5	11.7	14.7
Hollinger Office:	5.8	6.5	16.5	18.9
Sandy:	6.8	9.4	12.1	15.2

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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	0.4
Edwards:	0.0	0.0
Hollinger Office:	1.2	5.2
Sandy:	1.8	4.5

## 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	0.2	0.2
Hollinger Office:	0.9	0.3	0.6
Hollinger West:	1.0	0.3	0.6
Imerys:	1.1	0.5	0.9
Noah:	0.8	0.6	0.7
Moneta Pumping Station:	1.4	0.8	1.0
Sandy:	1.5	1.0	1.9
Water Tower:			
Wilson:	1.9	1.4	1.9



