

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_064  
**Date:** 5-Oct-22  
**Blast Time:** 11:49  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:13

## Blast Conditions

Ceiling Height: 9,514 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11  
Wind Direction: S  
Temperature: 15.4 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	55.6 LAeq	103.2 dB
Edwards:	50.1 LAeq	99.6 dB
Fred:	47.3 LAeq	92.4 dB
Hollinger Office:	54.7 LAeq	111.0 dB
Noah:	60.5 LAeq	102.5 dB
Sandy:	52.7 LAeq	101.8 dB
Water Tower:	49.7 LAeq	112.1 dB
Wilson:	49.8 LAeq	98.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.2	17.7	11.7	13.8
Edwards:	12.3	14.3	21.4	23.8
Hollinger Office:	19.1	21.6	26.4	30.3
Sandy:	17.6	20.3	17.2	18.8

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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:	1.2	3.2
Edwards:	3.2	7.1
Hollinger Office:	2.9	6.1
Sandy:	0.7	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.9	0.6	0.6
Hollinger West:	0.3	0.1	0.2
Imerys:	0.6	0.4	0.7
Noah:	0.6	0.4	0.9
Sandy:	2.6	0.3	3.4
Water Tower:	0.3	0.2	0.4
Wilson:	1.0	1.2	0.8



