

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_071  
**Date:** 24-Oct-22  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:24  
**Website Notification Time:** 8:14

## Blast Conditions

Ceiling Height: 9,842 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 20  
Wind Direction: S  
Temperature: 16.6 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	54.8 LAeq	105.4 dB
Edwards:	48.4 LAeq	114.7 dB
Fred:	44.4 LAeq	108.3 dB
Hollinger Office:	55.6 LAeq	110.0 dB
Noah:	59.8 LAeq	108.0 dB
Sandy:	50.9 LAeq	108.8 dB
Water Tower:	51.7 LAeq	112.0 dB
Wilson:	51.9 LAeq	104.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.4	20.7	12.6	19.1
Edwards:	14.7	15.0	20.9	22.2
Hollinger Office:	14.9	23.0	30.4	52.5
Sandy:	14.6	19.7	19.0	32.2

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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:	3.0	7.8
Edwards:	0.9	1.5
Hollinger Office:	5.0	11.2
Sandy:	3.3	4.9

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

**Vibration Alert: No exceedances recorded**

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



