

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_066  
**Date:** 11-Oct-22  
**Blast Time:** 11:51  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:24

## Blast Conditions

Ceiling Height: 29,856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 20  
Wind Direction: S  
Temperature: 12.5 °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:	56.8 LAeq	106.8 dB
Edwards:	50.4 LAeq	102.3 dB
Fred:	52.5 LAeq	103.2 dB
Hollinger Office:	55.2 LAeq	114.5 dB
Noah:	59.1 LAeq	108.3 dB
Sandy:	50.4 LAeq	106.0 dB
Water Tower:	51.4 LAeq	110.8 dB
Wilson:	48.5 LAeq	106.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	10.0	7.1	7.8
Edwards:	16.5	21.0	12.9	15.5
Hollinger Office:	15.6	18.0	15.8	18.3
Sandy:	10.2	13.3	12.1	15.1

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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:	0.7	1.7
Edwards:	1.7	4.2
Hollinger Office:	3.7	7.2
Sandy:	0.6	0.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.4	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.6	0.4	0.6
Hollinger West:	0.4	0.1	0.5
Imerys:	0.7	0.4	0.5
Noah:	0.5	0.4	0.6
Sandy:	1.7	0.7	3.7
Water Tower:	0.3	0.2	0.4
Wilson:	0.6	0.4	0.8



