

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_072  
**Date:** 31-Oct-22  
**Blast Time:** 15:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 29,855 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 25% Scattered Clouds  
 Wind Speed: 15  
 Wind Direction: S  
 Temperature: 14.7 °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:	55.7 LAeq	114.6 dB
Edwards:	49.2 LAeq	104.8 dB
Fred:	44.0 LAeq	98.6 dB
Hollinger Office:	55.2 LAeq	119.4 dB
Noah:	59.9 LAeq	105.2 dB
Sandy:	48.7 LAeq	101.8 dB
Water Tower:	50.4 LAeq	111.9 dB
Wilson:	49.4 LAeq	102.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.6	22.2	19.6	25.0
Edwards:	19.1	22.1	36.1	59.2
Hollinger Office:	21.9	24.1		
Sandy:	21.4	23.7	25.6	27.3

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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:	1.7	3.3
Edwards:	3.5	15.0
Hollinger Office:	3.1	4.7
Sandy:	1.8	2.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.5	0.5	2.2
Edwards:	0.3	0.1	0.2
Hollinger Office:	1.0	0.6	1.3
Hollinger West:	0.2	0.1	0.2
Imerys:	1.1	0.4	0.9
Noah:	1.3	0.6	1.5
Moneta Pumping Station:	0.5	0.6	0.5
Sandy:	0.3	0.1	0.4
Water Tower:	0.3	0.2	0.3
Wilson:	0.9	0.7	0.8



