

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_054  
**Date:** 26-Nov-22  
**Blast Time:** 13:41  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height: 20,013 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 19  
Wind Direction: SW  
Temperature: 7.4 °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:	54.1 LAeq	115.8 dB
Edwards:	48.8 LAeq	106.2 dB
Fred:	45.7 LAeq	99.3 dB
Hollinger Office:	54.2 LAeq	118.6 dB
Noah:	60.0 LAeq	107.5 dB
Sandy:	45.4 LAeq	107.2 dB
Water Tower:	46.5 LAeq	111.3 dB
Wilson:	46.7 LAeq	105.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.7	11.0	5.7	6.5
Edwards:	7.2	8.1	6.6	8.1
Hollinger Office:	1.5	1.9	16.1	17.7
Sandy:	2.4	2.6	7.3	7.6

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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:	1.5	2.4
Edwards:	5.2	12.2
Hollinger Office:	2.4	4.6
Sandy:	1.4	1.7

## 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	0.1	0.2
Hollinger Office:	1.0	0.4	0.4
Hollinger West:	0.5	0.2	0.5
Imerys:	0.7	0.4	0.5
Noah:	1.0	0.5	0.7
Moneta Pumping Station	0.9	0.6	0.8
Sandy:	1.0	0.8	1.0
Water Tower:	0.4	0.3	0.5
Wilson:	1.5	0.7	1.2



