

# Hollinger Public Blast Report

**Blast Pattern:** 3204\_067  
**Date:** 13-Jul-22  
**Blast Time:** 11:03  
**Blast Sign Activation:** 7:26  
**Website Notification Time:** 7:19

## Blast Conditions

Ceiling Height: 29,855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11  
Wind Direction: NW  
Temperature: 17.9 °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:	57.2 LAeq	110.2 dB
Edwards:	50.6 LAeq	102.8 dB
Fred:	47.0 LAeq	102.7 dB
Hollinger Office:	68.4 LAeq	113.9 dB
Noah:	61.6 LAeq	104.0 dB
Sandy:	46.4 LAeq	106.8 dB
Water Tower:	48.9 LAeq	115.8 dB
Wilson:	50.9 LAeq	109.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	3.4	7.1	7.7
Edwards:	1.4	1.8	7.1	9.8
Hollinger Office:	3.9	5.5	8.5	11.8
Sandy:	4.8	13.2	8.1	25.3

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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:	0.1	0.3
Edwards:	0.0	0.0
Hollinger Office:	3.1	5.5
Sandy:	2.9	9.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.5
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.5	0.5	0.5
Hollinger West:	0.4	0.2	0.3
Imerys:	0.7	0.4	0.8
Noah:	0.8	0.6	0.7
Moneta Pumping Station:	0.9	0.4	0.6
Sandy:	0.4	0.5	0.7
Water Tower:	0.4	0.2	0.6
Wilson:	1.5	0.6	2.4



