

# Hollinger Public Blast Report

**Blast Pattern:** 3310-110A  
**Date:** 6-May-22  
**Blast Time:** 11:41  
**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: 0% Clear  
Wind Speed: 9  
Wind Direction: E  
Temperature: 6.3 °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:	55.9 LAeq	104.2 dB
Edwards:	46.9 LAeq	103.4 dB
Fred:	43.6 LAeq	96.6 dB
Hollinger Office:	55.6 LAeq	112.7 dB
Noah:	61.1 LAeq	103.2 dB
Sandy:	LAeq	dB
Water Tower:	48.0 LAeq	112.7 dB
Wilson:	47.5 LAeq	101.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.7	13.0	11.1	12.0
Edwards:	7.5	11.3	19.0	28.1
Hollinger Office:	17.3	28.5	32.7	85.9
Sandy:	9.2	19.1	11.5	34.6

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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:	0.1	0.2
Edwards:	0.3	0.7
Hollinger Office:	1.2	2.1
Sandy:	4.1	19.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.2	0.3
Hollinger West:	0.4	0.1	0.4
Imerys:	0.5	0.3	0.6
Noah:	0.4	0.8	0.4
Moneta Pumping Station:	0.6	0.8	0.8
Sandy:	1.2	0.6	1.3
Water Tower:	0.5	0.2	0.4
Wilson:	0.8	0.5	0.8



