

# Hollinger Public Blast Report

**Blast Pattern:** 3304-074  
**Date:** 3-Jun-22  
**Blast Time:** 15:57  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 12,139 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9  
Wind Direction: S  
Temperature: 18.6 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	$L_{Aeq}$	$L_{peak}$ dB
Comfort Inn:	56.4 LAeq	106.1 dB
Edwards:	49.0 LAeq	94.6 dB
Fred:	42.7 LAeq	93.2 dB
Hollinger Office:	55.5 LAeq	106.2 dB
Noah:	61.1 LAeq	102.1 dB
Sandy:	44.0 LAeq	97.5 dB
Water Tower:	46.0 LAeq	104.1 dB
Wilson:	45.9 LAeq	95.1 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.3	17.0	27.0	28.8
Edwards:	10.9	12.3	10.6	13.2
Hollinger Office:	17.9	24.8	18.2	25.4
Sandy:	9.3	11.0	14.2	16.1

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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:	1.0	2.1
Edwards:	0.4	1.7
Hollinger Office:	2.5	4.3
Sandy:	0.7	2.5

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

**Vibration Alert: No exceedances recorded**

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



