

# Hollinger Public Blast Report

**Blast Pattern:** 3268\_007/009  
**Date:** 29-Apr-22  
**Blast Time:** 15:58  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height: 200,013 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 7  
Wind Direction: S  
Temperature: 12.5 °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:	54.9 LAeq	96.4 dB
Edwards:	53.9 LAeq	96.3 dB
Fred:	44.6 LAeq	96.2 dB
Hollinger Office:	55.3 LAeq	102.7 dB
Noah:	58.4 LAeq	101.0 dB
Sandy:	0.0 LAeq	0.0 dB
Water Tower:	44.0 LAeq	111.2 dB
Wilson:	49.8 LAeq	108.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.6	16.2	11.2	12.1
Edwards:	17.4	19.3	18.2	22.5
Hollinger Office:	13.3	16.4	19.7	23.9
Sandy:	10.6	18.3	13.0	20.6

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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:	0.0	0.0
Edwards:	0.2	0.4
Hollinger Office:	0.4	0.7
Sandy:	4.8	13.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.9	0.2	0.4
Hollinger West:	0.7	0.4	0.6
Imerys:	1.5	0.7	1.0
Noah:	0.6	0.7	0.7
Moneta Pumping Station:	1.0	0.7	0.8
Sandy:	3.6	1.5	3.4
Water Tower:	1.2	0.9	0.8
Wilson:	0.7	0.7	1.3



