

# Hollinger Public Blast Report

**Blast Pattern:** 3268\_012/010A  
**Date:** 4-May-22  
**Blast Time:** 11:46  
**Blast Sign Activation:** 6:50  
**Website Notification Time:** 6:45

## Blast Conditions

Ceiling Height: 29,856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 19  
Wind Direction: NW  
Temperature: 6.1 °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:	56.5 LAeq	103.9 dB
Edwards:	49.4 LAeq	98.2 dB
Fred:	45.8 LAeq	103.3 dB
Hollinger Office:	55.4 LAeq	104.7 dB
Noah:	61.6 LAeq	104.6 dB
Sandy:	LAeq	dB
Water Tower:	47.6 LAeq	111.6 dB
Wilson:	48.0 LAeq	104.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.2	10.9	11.2	13.0
Edwards:	7.4	8.8	15.0	22.0
Hollinger Office:	15.7	27.3	28.5	50.6
Sandy:	7.9	29.7	14.9	39.5

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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:	0.1	0.3
Hollinger Office:	1.6	2.5
Sandy:	2.0	4.6

## 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:	0.6	0.2	0.5
Hollinger West:	3.3	2.0	2.9
Imerys:	1.1	1.1	1.5
Noah:	1.4	1.4	1.0
Moneta Pumping Station:	1.2	1.0	1.3
Sandy:	2.6	1.7	2.8
Water Tower:	1.6	1.7	2.1
Wilson:	2.4	2.3	3.6



