

# Hollinger Public Blast Report

**Blast Pattern:** 3262/002  
**Date:** 16-May-22  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 6,561 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 17  
Wind Direction: SW  
Temperature: 17.4 °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:	55.0 LAeq	104.6 dB
Edwards:	46.4 LAeq	104.3 dB
Fred:	45.8 LAeq	103.5 dB
Hollinger Office:	55.6 LAeq	110.4 dB
Noah:	61.0 LAeq	103.5 dB
Sandy:	LAeq	dB
Water Tower:	47.8 LAeq	113.4 dB
Wilson:	48.8 LAeq	105.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.6	17.2	23.4	26.1
Edwards:	11.5	15.3	16.9	21.8
Hollinger Office:	11.2	22.3	22.6	45.5
Sandy:	9.9	15.6	17.8	33.2

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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:	0.9	1.8
Edwards:	2.3	4.4
Hollinger Office:	6.0	15.3
Sandy:	0.3	0.6

## 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:	0.5	0.4	0.5
Hollinger West:	1.2	0.5	1.1
Imerys:	1.3	0.8	1.2
Noah:	0.9	1.4	0.8
Moneta Pumping Station:	0.7	0.5	0.9
Sandy:	2.4	1.5	2.6
Water Tower:	1.7	1.4	3.9
Wilson:	2.3	2.1	2.1



