

# Hollinger Public Blast Report

**Blast Pattern:** 3262\_003  
**Date:** 12-May-22  
**Blast Time:** 11:56  
**Blast Sign Activation:** 7:15  
**Website Notification Time:** 7:13

## Blast Conditions

Ceiling Height: 5,577 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9  
Wind Direction: S  
Temperature: 16.3 °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:	57.8 LAeq	107.8 dB
Edwards:	50.7 LAeq	108.3 dB
Fred:	51.0 LAeq	110.6 dB
Hollinger Office:	56.1 LAeq	115.9 dB
Noah:	63.1 LAeq	114.1 dB
Sandy:	LAeq	dB
Water Tower:	54.5 LAeq	113.0 dB
Wilson:	52.0 LAeq	107.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	24.7	30.4	30.4	41.1
Edwards:	18.1	20.1	30.8	44.0
Hollinger Office:	17.3	24.8	35.2	48.8
Sandy:	13.5	16.5	24.7	39.0

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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:	2.8	10.6
Edwards:	1.7	3.8
Hollinger Office:	5.8	18.2
Sandy:	1.2	1.6

## 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	0.1	0.1
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	1.0	0.4	1.2
Imerys:	0.9	0.8	1.0
Noah:	0.9	0.7	0.6
Moneta Pumping Station:	0.9	0.7	0.9
Sandy:	3.5	1.9	2.8
Water Tower:	1.7	1.4	2.5
Wilson:	1.5	1.2	2.1



