

# Hollinger Public Blast Report

**Blast Pattern:** 3292-056  
**Date:** 18-Dec-22  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 10,763 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 7  
Wind Direction: S  
Temperature: -3.6 °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:	48.2 LAeq	103.0 dB
Edwards:	44.1 LAeq	93.1 dB
Fred:	40.4 LAeq	90.0 dB
Hollinger Office:	52.4 LAeq	111.2 dB
Noah:	60.5 LAeq	102.6 dB
Sandy:	42.7 LAeq	102.6 dB
Water Tower:	44.6 LAeq	91.1 dB
Wilson:	53.6 LAeq	99.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.9	7.2	3.7	4.2
Edwards:	1.5	1.5	6.1	6.7
Hollinger Office:	4.5	5.8	9.5	14.5
Sandy:	2.4	2.8	6.9	7.1

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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:	0.7	1.6
Edwards:	3.7	6.5
Hollinger Office:	5.8	12.8
Sandy:	2.1	2.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.6	0.4	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.3	0.4
Noah:	0.6	0.7	0.7
Moneta Pumping Station	0.8	0.5	0.9
Sandy:	1.5	0.7	1.6
Water Tower:	0.3	0.3	0.4
Wilson:	1.1	0.9	0.9



