

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_060  
**Date:** 26-Dec-22  
**Blast Time:** 11:34  
**Blast Sign Activation:** na  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height: 2,296 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 20  
Wind Direction: W  
Temperature: -15.5 °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:	52.1 LAeq	111.5 dB
Edwards:	45.7 LAeq	104.8 dB
Fred:	39.3 LAeq	106.2 dB
Hollinger Office:	57.9 LAeq	108.5 dB
Noah:	55.0 LAeq	111.1 dB
Sandy:	41.6 LAeq	93.5 dB
Water Tower:	45.5 LAeq	117.3 dB
Wilson:	44.5 LAeq	106.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.2	11.7	5.3	9.5
Edwards:	21.0	30.0	16.3	32.5
Hollinger Office:	0.0	0.0	3.9	7.3
Sandy:	9.1	19.8	6.4	7.7

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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:	1.9	3.3
Edwards:	8.8	11.5
Hollinger Office:	6.7	16.9
Sandy:	1.5	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.6	0.4	0.3
Hollinger West:	0.3	0.1	0.2
Imerys:	0.3	0.3	0.5
Noah:	0.6	0.4	0.8
Moneta Pumping Station	0.8	0.5	0.7
Sandy:	0.9	0.6	0.9
Water Tower:	0.2	0.2	0.3
Wilson:	1.0	0.6	0.5



