

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_079  
**Date:** 4-Dec-22  
**Blast Time:** 13:45  
**Blast Sign Activation:** 7:24  
**Website Notification Time:** 7:13

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 13  
Wind Direction: SW  
Temperature: -6.6 °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:	53.0 LAeq	128.6 dB
Edwards:	48.1 LAeq	118.2 dB
Fred:	43.9 LAeq	102.5 dB
Hollinger Office:	54.1 LAeq	127.1 dB
Noah:	59.4 LAeq	116.5 dB
Sandy:	43.5 LAeq	114.6 dB
Water Tower:	45.1 LAeq	109.0 dB
Wilson:	43.8 LAeq	105.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	7.0	5.4	8.2
Edwards:	8.5	10.9	9.6	18.8
Hollinger Office:	30.4	59.9	0.0	0.0
Sandy:	4.6	8.6	6.8	9.0

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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:	1.3	2.5
Edwards:	5.1	7.3
Hollinger Office:	4.2	12.3
Sandy:	1.3	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	0.8
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.9	0.3	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.3	0.5
Noah:	1.1	0.5	0.7
Moneta Pumping Station	0.1	0.1	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.2	0.1	0.3
Wilson:	0.8	0.4	0.8



