

# Hollinger Public Blast Report

**Blast Pattern:** 3238\_005  
**Date:** 23-Nov-22  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 1,640 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 11  
Wind Direction: SE  
Temperature: -3.1 °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:	53.9 LAeq	105.4 dB
Edwards:	43.3 LAeq	94.3 dB
Fred:	39.2 LAeq	90.9 dB
Hollinger Office:	53.7 LAeq	107.7 dB
Noah:	57.3 LAeq	104.7 dB
Sandy:	44.9 LAeq	107.9 dB
Water Tower:	42.0 LAeq	94.4 dB
Wilson:	46.9 LAeq	100.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	5.8	4.1	4.5
Edwards:	1.9	2.0	4.8	5.1
Hollinger Office:	0.2	1.9	11.6	13.4
Sandy:	8.4	15.8	13.0	24.5

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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:	4.1	8.8
Edwards:	2.9	4.1
Hollinger Office:	8.7	13.4
Sandy:	2.9	4.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	2.7	1.7	1.9
Imerys:	0.7	0.9	0.6
Noah:	1.0	0.9	0.8
Moneta Pumping Station	0.8	0.8	1.2
Sandy:	2.7	1.1	1.6
Water Tower:	1.7	2.2	2.5
Wilson:	2.7	2.3	1.7



