

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_073  
**Date:** 21-Jan-21  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:07

## Blast Conditions

Ceiling Height: 984 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 6  
Wind Direction: E  
Temperature: -4 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	51.7 LAeq	110.6 dB
Edwards:	49.9 LAeq	105.0 dB
Fred:	42.7 LAeq	109.6 dB
Hollinger Office:	55.2 LAeq	111.9 dB
Noah:	61.4 LAeq	107.8 dB
Sandy:	44.8 LAeq	110.3 dB
Water Tower:	48.8 LAeq	117.0 dB
Wilson:	53.5 LAeq	112.0 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	12.0	13.6	4.3	5.5
Edwards:	12.0	17.2	12.0	20.1
Hollinger Office:	8.2	30.7	19.8	35.6
Sandy:	7.0	8.5	6.3	6.7

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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:	4.6	8.4
Edwards:	7.5	13.3
Hollinger Office:	4.4	5.7
Sandy:	3.8	4.4

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

**Vibration Alert: No exceedances recorded**

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