

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_029  
**Date:** 20-Jan-21  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:37  
**Website Notification Time:** 7:03

## Blast Conditions

Ceiling Height: 1312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 17  
Wind Direction: S  
Temperature: -17.1 °C

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

### Noise Alert:

### Blast Siren Locations:

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.1 LAeq	100.8 dB
Edwards:	44.7 LAeq	99.5 dB
Fred:	42.5 LAeq	101.2 dB
Hollinger Office:	55.2 LAeq	109.0 dB
Noah:	57.2 LAeq	101.3 dB
Sandy:	45.7 LAeq	106.9 dB
Water Tower:	49.5 LAeq	110.3 dB
Wilson:	50.8 LAeq	101.4 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:	14.2	26.0	1.5	4.4
Edwards:	0.1	0.9	6.2	11.1
Hollinger Office:	4.5	5.2	6.2	7.8
Sandy:	3.7	5.7	4.3	5.4

# Hollinger Public Blast Report

## 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:	0.5	1.1
Edwards:	0.8	2.4
Hollinger Office:	3.8	7.5
Sandy:	1.5	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.4	0.6	0.6
Hollinger West:	0.2	0.4	0.3
Imerys:			
Noah:	0.8	1.0	1.3
Moneta Pumping Station:	0.3	0.6	0.5
Sandy:	1.1	0.5	0.9
Water Tower:	1.9	2.5	1.6
Wilson:	0.9	1.3	1.2