

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_089  
**Date:** 29-Jan-21  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:06  
**Website Notification Time:** 6:58

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 15  
Wind Direction: NW  
Temperature: -15.2 °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:	54.2 LAeq	108.3 dB
Edwards:	49.2 LAeq	106.3 dB
Fred:	41.4 LAeq	98.8 dB
Hollinger Office:	56.0 LAeq	112.7 dB
Noah:	59.3 LAeq	103.6 dB
Sandy:	46.7 LAeq	103.2 dB
Water Tower:	45.4 LAeq	112.1 dB
Wilson:	66.1 LAeq	120.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.8	15.0	0.2	0.8
Edwards:	0.0	0.0	4.3	5.2
Hollinger Office:	65.2	111.8	6.2	9.8
Sandy:	4.7	8.2	4.3	7.4

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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:	1.1	1.5
Edwards:	1.5	2.3
Hollinger Office:	5.0	9.7
Sandy:	2.8	4.8

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

**Vibration Alert: No exceedances recorded**

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