

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_034  
**Date:** 19-Feb-21  
**Blast Time:** 11:32  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 4921 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 4  
Wind Direction: SE  
Temperature: -6.7 °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:	50.6 LAeq	101.2 dB
Edwards:	41.6 LAeq	89.0 dB
Fred:	49.5 LAeq	93.2 dB
Hollinger Office:	54.6 LAeq	105.0 dB
Noah:	57.6 LAeq	101.2 dB
Sandy:	43.1 LAeq	108.1 dB
Water Tower:	44.7 LAeq	113.8 dB
Wilson:	54.8 LAeq	109.6 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:	20.8	26.1	10.7	14.1
Edwards:	23.3	26.7	31.1	35.2
Hollinger Office:	67.9	93.8	146.0	259.2
Sandy:	49.5	99.6	93.0	239.3

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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:	23.2	37.4
Edwards:	28.7	39.3
Hollinger Office:	112.1	151.8
Sandy:	129.1	242.7

## 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:	0.1	0.0	0.1
Hollinger Office:	0.3	0.4	0.4
Hollinger West:	0.2	0.3	0.2
Imerys:	0.4	0.7	0.4
Noah:	0.6	0.7	0.4
Moneta Pumping Station:	0.4	0.5	0.3
Sandy:	4.4	2.0	4.8
Water Tower:	0.8	1.0	0.6
Wilson:	0.7	1.5	1.6