

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_021  
**Date:** 6-Jan-21  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 721 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 19  
Wind Direction: N  
Temperature: -7.6 °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:	54.3 LAeq	99.6 dB
Edwards:	46.3 LAeq	92.7 dB
Fred:	43.7 LAeq	94.6 dB
Hollinger Office:	57.9 LAeq	103.6 dB
Noah:	60.5 LAeq	100.3 dB
Sandy:	43.0 LAeq	110.4 dB
Water Tower:	47.1 LAeq	112.0 dB
Wilson:	46.1 LAeq	107.1 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:	10.2	10.4	3.7	3.8
Edwards:	3.1	3.4	10.0	10.6
Hollinger Office:	0.8	0.8	9.7	10.9
Sandy:	8.0	11.1	9.6	14.2

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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:	0.7	0.9
Edwards:	2.0	3.1
Hollinger Office:	5.8	9.7
Sandy:	9.4	20.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.4	0.7
Hollinger West:	0.5	0.6	0.7
Imerys:	0.7	0.7	1.1
Noah:	1.2	0.8	1.0
Moneta Pumping Station:	0.8	0.7	0.7
Sandy:	4.2	1.8	3.4
Water Tower:	1.0	1.6	1.3
Wilson:	1.9	2.1	3.2