

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_104  
**Date:** 11-Jan-21  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:15  
**Website Notification Time:** 7:08

## Blast Conditions

Ceiling Height: 1312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 15  
Wind Direction: S  
Temperature: -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:	52.6 LAeq	105.6 dB
Edwards:	48.9 LAeq	96.2 dB
Fred:	43.8 LAeq	102.5 dB
Hollinger Office:	55.2 LAeq	109.4 dB
Noah:	60.7 LAeq	103.1 dB
Sandy:	49.6 LAeq	98.6 dB
Water Tower:	47.0 LAeq	105.8 dB
Wilson:	48.9 LAeq	102.0 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:	12.2	13.6	6.9	8.4
Edwards:	6.4	7.5	14.8	19.6
Hollinger Office:	0.0	0.0	16.0	18.1
Sandy:	7.7	16.4	12.0	21.8

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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:	1.0	1.9
Edwards:	1.0	2.7
Hollinger Office:	4.2	6.5
Sandy:	1.6	2.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	1.5	1.5	2.3
Hollinger West:	0.1	0.1	0.1
Imerys:	1.1	1.4	1.0
Noah:	0.6	0.7	0.9
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.4	0.6	0.4
Wilson:	0.5	0.4	0.4