

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_074,084  
**Date:** 16-Nov-20  
**Blast Time:** 11:40  
**Blast Sign Activation:** 10:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 24 km/hr  
Wind Direction: W  
Temperature: -4.2 °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:	59.2 LAeq	118.0 dB
Edwards:	55.1 LAeq	115.1 dB
Fred:	52.5 LAeq	121.0 dB
Hollinger Office:	61.1 LAeq	118.9 dB
Noah:	61.8 LAeq	119.1 dB
Sandy:	49.7 LAeq	110.7 dB
Water Tower:	55.5 LAeq	123.5 dB
Wilson:	50.2 LAeq	113.4 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:	7.7	8.1	2.7	3.3
Edwards:	5.6	8.1	6.0	8.0
Hollinger Office:	3.1	4.8	7.0	17.3
Sandy:	3.5	4.0	3.1	4.0

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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:	2.4	4.1
Edwards:	4.2	8.9
Hollinger Office:	2.0	4.6
Sandy:	1.3	1.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.4
Edwards:	0.4	0.1	0.4
Hollinger Office:	0.8	0.2	0.3
Hollinger West:	0.4	0.1	0.3
Imerys:	0.5	0.3	0.4
Noah:	0.5	0.5	0.5
Moneta Pumping Station:	0.8	0.6	0.8
Sandy:	0.8	0.4	0.8
Water Tower:	0.4	0.2	0.3
Wilson:	0.7	0.7	0.8