

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_074  
**Date:** 8-Dec-20  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 1640 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 22 km/hr  
Wind Direction: S  
Temperature: -5.8 °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:	54.5 LAeq	109.2 dB
Edwards:	49.3 LAeq	105.0 dB
Fred:	45.6 LAeq	98.8 dB
Hollinger Office:	57.6 LAeq	115.0 dB
Noah:	60.9 LAeq	104.1 dB
Sandy:	50.4 LAeq	105.3 dB
Water Tower:	51.2 LAeq	111.3 dB
Wilson:	51.7 LAeq	101.7 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:	12.3	23.6	8.9	23.3
Edwards:	2.2	3.4	7.6	10.3
Hollinger Office:	15.3	82.2	33.6	145.3
Sandy:	3.9	4.9	4.2	4.8

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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:	3.4	8.0
Edwards:	1.5	3.7
Hollinger Office:	33.8	298.6
Sandy:	2.0	3.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.9	0.5	1.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.5	1.0
Noah:	0.8	0.9	0.7
Moneta Pumping Station:	0.5	0.1	0.3
Sandy:	0.5	0.3	0.4
Water Tower:	0.2	0.2	0.3
Wilson:	0.8	0.4	0.6