

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_065, 3328\_086  
**Date:** 20-Dec-20  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 15  
Wind Direction: S  
Temperature: 0.7 °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:	53.2 LAeq	111.8 dB
Edwards:	48.9 LAeq	101.6 dB
Fred:	44.7 LAeq	100.2 dB
Hollinger Office:	55.1 LAeq	115.7 dB
Noah:	59.5 LAeq	109.0 dB
Sandy:	46.0 LAeq	103.7 dB
Water Tower:	51.8 LAeq	111.8 dB
Wilson:	47.9 LAeq	99.8 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:	14.8	15.9	8.3	8.8
Edwards:	6.6	6.9	16.2	17.5
Hollinger Office:	3.1	4.0	18.4	24.3
Sandy:	5.4	5.7	11.3	11.9

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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:	5.0	10.3
Edwards:	2.3	4.2
Hollinger Office:	8.0	28.0
Sandy:	2.4	2.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.2	0.5
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.3	0.3
Noah:	0.4	0.7	0.5
Moneta Pumping Station:	0.6	0.5	0.5
Sandy:	1.2	1.0	1.2
Water Tower:	0.4	0.2	0.2
Wilson:	0.9	0.5	1.3