

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_084  
**Date:** 8-Dec-21  
**Blast Time:** 11:31  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1,640 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 100% Overcast Snow  
 Wind Speed: 0  
 Wind Direction: N  
 Temperature: -11 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	49.5 LAeq	113.1 dB
Edwards:	55.7 LAeq	106.1 dB
Fred:	37.5 LAeq	93.9 dB
Hollinger Office:	55.4 LAeq	115.4 dB
Noah:	57.1 LAeq	106.9 dB
Sandy:	45.6 LAeq	107.0 dB
Water Tower:	43.5 LAeq	113.8 dB
Wilson:	44.2 LAeq	106.0 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	7.0	2.9	4.7
Edwards:	14.4	41.1	14.3	38.8
Hollinger Office:	13.7	16.2	7.0	10.5
Sandy:	3.1	18.0	7.9	28.3

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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:	3.2	13.5
Edwards:	52.7	193.2
Hollinger Office:	16.7	26.4
Sandy:	6.2	7.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	0.7	2.5
Edwards:	1.2	1.3	2.0
Hollinger Office:	0.8	0.3	0.6
Hollinger West:	0.3	0.1	0.3
Imerys:	0.6	0.3	0.4
Noah:	0.9	0.4	0.6
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.4	0.3	0.5
Water Tower:	0.3	0.2	0.2
Wilson:	0.7	0.6	1.1