

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_024/025  
**Date:** 14-Jan-21  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 15  
Wind Direction: SE  
Temperature: -2.1 °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:	52.7 LAeq	101.4 dB
Edwards:	46.1 LAeq	92.8 dB
Fred:	42.8 LAeq	88.0 dB
Hollinger Office:	54.9 LAeq	104.4 dB
Noah:	59.4 LAeq	100.2 dB
Sandy:	46.2 LAeq	112.5 dB
Water Tower:	47.1 LAeq	110.8 dB
Wilson:	48.0 LAeq	103.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.0	8.7	4.7	5.5
Edwards:	2.0	2.2	9.4	10.1
Hollinger Office:	3.9	4.8	11.2	20.7
Sandy:	1.8	1.9	6.5	7.4

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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:	1.3	3.2
Edwards:	0.6	1.5
Hollinger Office:	8.9	22.5
Sandy:	2.3	4.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.5	0.7
Hollinger West:	0.4	0.5	0.5
Imerys:	1.9	1.0	1.3
Noah:	1.3	1.7	1.2
Moneta Pumping Station:	1.2	0.4	1.1
Sandy:	2.7	1.6	2.5
Water Tower:	0.9	1.4	1.4
Wilson:	2.1	2.1	3.4