

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_091  
**Date:** 10-Feb-21  
**Blast Time:** 13:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 5249 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 13  
Wind Direction: NW  
Temperature: -15.8 °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:	51.4 LAeq	111.2 dB
Edwards:	41.5 LAeq	100.0 dB
Fred:	38.7 LAeq	92.2 dB
Hollinger Office:	54.8 LAeq	112.6 dB
Noah:	60.1 LAeq	105.6 dB
Sandy:	41.6 LAeq	104.7 dB
Water Tower:	42.3 LAeq	108.0 dB
Wilson:	57.8 LAeq	106.2 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:	15.2	18.0	3.9	6.6
Edwards:	11.2	26.7	13.7	31.2
Hollinger Office:	9.6	19.5	17.8	51.6
Sandy:	3.6	4.2	7.6	11.8

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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:	4.0	6.0
Edwards:	4.9	9.6
Hollinger Office:	5.1	7.1
Sandy:	3.7	5.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	1.1	1.0
Edwards:	0.3	0.2	0.5
Hollinger Office:	0.4	0.3	0.7
Hollinger West:	0.2	0.2	0.1
Imerys:	0.4	0.2	0.6
Noah:	0.8	0.7	0.7
Moneta Pumping Station:	0.4	0.1	0.2
Sandy:	0.4	0.4	0.5
Water Tower:	0.2	0.2	0.4
Wilson:	0.9	0.8	1.2