

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_066  
**Date:** 31-Jan-21  
**Blast Time:** 11:35  
**Blast Sign Activation:** 7:15  
**Website Notification Time:**

## Blast Conditions

Ceiling Height: 9100 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11  
Wind Direction: SE  
Temperature: -18.2 °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:	51.0 LAeq	108.3 dB
Edwards:	40.2 LAeq	93.6 dB
Fred:	38.1 LAeq	88.3 dB
Hollinger Office:	55.6 LAeq	108.2 dB
Noah:	57.6 LAeq	102.6 dB
Sandy:	41.5 LAeq	107.0 dB
Water Tower:	51.2 LAeq	110.2 dB
Wilson:	54.2 LAeq	99.0 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:	11.1	12.3	1.0	1.5
Edwards:	0.2	0.8	5.9	7.0
Hollinger Office:	3.0	6.0	6.4	7.5
Sandy:	1.1	1.5	4.2	7.6

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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:	2.3	3.5
Edwards:	2.5	4.5
Hollinger Office:	3.0	3.8
Sandy:	2.2	2.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.2	0.3	0.5
Hollinger West:	0.2	0.2	0.1
Imerys:	0.0	0.0	0.0
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.9	0.4	0.6
Sandy:	0.8	0.6	1.1
Water Tower:	0.2	0.3	0.4
Wilson:	0.9	0.8	0.9