

# Hollinger Public Blast Report

**Blast Pattern:** 3304\_028  
**Date:** 27-Jan-21  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:10

## Blast Conditions

Ceiling Height: 4593 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9  
Wind Direction: NW  
Temperature: -16.5 °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:	52.1 LAeq	105.2 dB
Edwards:	45.5 LAeq	98.6 dB
Fred:	40.4 LAeq	93.1 dB
Hollinger Office:	55.4 LAeq	107.7 dB
Noah:	59.4 LAeq	102.4 dB
Sandy:	42.0 LAeq	111.6 dB
Water Tower:	59.3 LAeq	118.2 dB
Wilson:	46.0 LAeq	105.3 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:	11.3	11.5	0.6	1.0
Edwards:	0.0	0.0	5.0	5.1
Hollinger Office:	2.2	2.8	7.1	9.6
Sandy:	3.7	6.4	6.5	16.0

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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	1.6
Edwards:	1.3	2.1
Hollinger Office:	4.4	5.9
Sandy:	4.0	5.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.5	0.5
Hollinger West:	0.5	1.1	0.5
Imerys:	0.6	1.2	1.1
Noah:	1.2	0.9	1.2
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.8	0.4	0.7
Water Tower:	2.0	4.1	1.8
Wilson:	0.9	1.0	1.2