

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_008  
**Date:** 15-Mar-21  
**Blast Time:** 11:33  
**Blast Sign Activation:** 9:02  
**Website Notification Time:** 8:58

## Blast Conditions

Ceiling Height: 29855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 6  
Wind Direction: S  
Temperature: -10.8 °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:	53.5 LAeq	101.1 dB
Edwards:	40.5 LAeq	91.2 dB
Fred:	40.2 LAeq	92.1 dB
Hollinger Office:	56.1 LAeq	104.7 dB
Noah:	62.4 LAeq	103.4 dB
Sandy:	44.7 LAeq	114.3 dB
Water Tower:	44.6 LAeq	111.3 dB
Wilson:	44.6 LAeq	108.0 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:	25.8	43.0	16.2	36.6
Edwards:	33.4	56.4	50.9	87.5
Hollinger Office:	28.0	40.2	43.6	77.3
Sandy:	20.4	26.8	23.3	29.3

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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:	1.4	3.1
Edwards:	2.9	5.7
Hollinger Office:	11.1	20.5
Sandy:	1.9	2.4

## 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	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.6	0.7	0.7
Imerys:	0.3	0.4	0.3
Noah:	0.5	0.7	0.5
Moneta Pumping Station:	0.5	0.6	0.6
Sandy:	3.7	1.3	3.8
Water Tower:	0.4	0.4	0.4
Wilson:	1.8	1.5	1.8