

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_099 3298\_022  
**Date:** 13-May-21  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:12

## Blast Conditions

Ceiling Height: 29856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 17  
Wind Direction: W  
Temperature: 18.3 °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:	55.2 LAeq	105.4 dB
Edwards:	51.1 LAeq	98.8 dB
Fred:	47.5 LAeq	105.9 dB
Hollinger Office:	55.4 LAeq	109.6 dB
Noah:	64.2 LAeq	104.7 dB
Sandy:	46.4 LAeq	107.4 dB
Water Tower:	51.9 LAeq	109.8 dB
Wilson:	47.8 LAeq	106.3 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:	9.3	10.4	7.9	8.9
Edwards:	14.6	21.9	15.0	28.6
Hollinger Office:	24.6	45.6	31.6	96.2
Sandy:	6.3	7.2	8.4	12.6

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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:	0.7	1.6
Edwards:	1.5	4.6
Hollinger Office:	3.1	12.1
Sandy:	1.1	2.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.7	1.6	2.6
Edwards:	0.4	0.2	0.3
Hollinger Office:	1.0	0.3	0.8
Hollinger West:	1.1	0.6	1.1
Imerys:	1.6	2.5	1.9
Noah:	1.1	1.2	0.9
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	1.1	0.4	0.6
Water Tower:	5.6	2.9	4.9
Wilson:	0.7	0.6	0.8