

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_006  
**Date:** 12-May-21  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:01  
**Website Notification Time:** 9:34

## Blast Conditions

Ceiling Height: 29855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 17  
Wind Direction: NW  
Temperature: 15.5 °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:	57.0 LAeq	109.4 dB
Edwards:	51.4 LAeq	103.6 dB
Fred:	47.5 LAeq	112.3 dB
Hollinger Office:	57.6 LAeq	113.6 dB
Noah:	60.7 LAeq	111.6 dB
Sandy:	46.7 LAeq	108.2 dB
Water Tower:	68.8 LAeq	120.5 dB
Wilson:	50.2 LAeq	114.2 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:	8.7	10.3	7.2	8.6
Edwards:	14.6	17.8	13.4	19.4
Hollinger Office:	23.1	26.1	21.3	28.5
Sandy:	8.9	11.4	9.3	13.9

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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:	0.6	0.8
Edwards:	0.2	0.6
Hollinger Office:	1.9	2.6
Sandy:	1.4	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	0.0	0.0
Hollinger Office:	0.6	0.3	0.6
Hollinger West:	5.4	1.6	3.3
Imerys:	1.5	1.5	2.2
Noah:	1.3	1.1	1.0
Moneta Pumping Station:	0.8	0.2	0.8
Sandy:	1.1	0.4	1.3
Water Tower:	3.3	2.8	3.7
Wilson:	2.2	2.4	3.8