

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_059  
**Date:** 28-May-21  
**Blast Time:** 11:51  
**Blast Sign Activation:** 7:33  
**Website Notification Time:** 7:40

## Blast Conditions

Ceiling Height: 29855 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13  
Wind Direction: N  
Temperature: 9.1 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extencicare

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	56.3 LAeq	102.7 dB
Edwards:	54.0 LAeq	98.5 dB
Fred:	46.8 LAeq	103.4 dB
Hollinger Office:	57.3 LAeq	109.4 dB
Noah:	60.8 LAeq	107.2 dB
Sandy:	45.8 LAeq	105.7 dB
Water Tower:	49.4 LAeq	109.8 dB
Wilson:	50.2 LAeq	107.7 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:	8.6	10.1	15.0	16.9
Edwards:	7.8	8.3	8.1	14.4
Hollinger Office:	16.8	21.8	14.2	29.3
Sandy:	7.1	10.8	7.5	12.3

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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:	0.3	0.4
Edwards:	0.2	0.5
Hollinger Office:	4.2	11.9
Sandy:	2.7	6.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.6
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.8	1.0	2.9
Hollinger West:	0.4	0.2	0.3
Imerys:	0.5	0.0	0.0
Noah:	1.8	1.1	2.0
Moneta Pumping Station:	0.4	0.1	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	0.8	0.3	0.7
Wilson:	0.8	0.6	1.4