

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_008  
**Date:** 12-Aug-21  
**Blast Time:** 11:35  
**Blast Sign Activation:** 7:31  
**Website Notification Time:** 7:24

## Blast Conditions

Ceiling Height: 29,855 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 0% Clear  
 Wind Speed: 13  
 Wind Direction: SW  
 Temperature: 24.8 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	76.2 LAeq	76.2 dB
Edwards:	54.2 LAeq	54.2 dB
Fred:	49.8 LAeq	49.8 dB
Hollinger Office:	60.4 LAeq	60.4 dB
Noah:	62.2 LAeq	62.2 dB
Sandy:	53.1 LAeq	53.1 dB
Water Tower:	60.3 LAeq	60.3 dB
Wilson:	55.1 LAeq	55.1 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	18.5	18.9	11.4	12.8
Edwards:	7.8	10.7	20.0	29.2
Hollinger Office:	26.7	42.7	41.9	91.0
Sandy:	9.4	15.8	18.0	26.0

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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:	0.7	1.4
Edwards:	0.9	3.0
Hollinger Office:	8.3	12.7
Sandy:	1.2	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.3	0.1	0.2
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	9.2	3.9	4.7
Imerys:	0.8	0.7	0.9
Noah:	1.0	0.5	0.6
Moneta Pumping Station:	1.3	0.4	1.0
Sandy:	1.3	0.7	1.5
Water Tower:	0.5	0.6	0.8
Wilson:	1.9	1.5	2.3