

# Hollinger Public Blast Report

**Blast Pattern:** 3316\_081  
**Date:** 21-Sep-21  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:07

## Blast Conditions

Ceiling Height: 5,906 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 15  
Wind Direction: S  
Temperature: 21.9 °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:	57.9 LAeq	113.3 dB
Edwards:	53.9 LAeq	109.3 dB
Fred:	50.3 LAeq	112.2 dB
Hollinger Office:	60.3 LAeq	125.8 dB
Noah:	61.4 LAeq	116.8 dB
Sandy:	52.8 LAeq	111.1 dB
Water Tower:	59.5 LAeq	120.6 dB
Wilson:	54.9 LAeq	111.9 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:	11.4	11.7	30.2	31.1
Edwards:	8.6	9.0	16.4	18.1
Hollinger Office:	2.8	3.5	17.5	21.0
Sandy:	6.4	7.6	14.7	18.0

# Hollinger Public Blast Report

## 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:	2.0	3.6
Edwards:	1.4	3.3
Hollinger Office:	4.0	9.2
Sandy:	1.0	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	5.8	1.5	7.5
Hollinger West:	0.5	0.2	0.7
Imerys:	1.0	0.7	1.0
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.0	0.4	0.1
Sandy:	0.1	1.0	0.1
Water Tower:	0.2	1.1	0.5
Wilson:	0.3	1.6	0.2