

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_017  
**Date:** 20-Sep-21  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:23

## Blast Conditions

Ceiling Height: 29,856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 15  
Wind Direction: S  
Temperature: 22 °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:	57.2 LAeq	110.6 dB
Edwards:	52.0 LAeq	107.0 dB
Fred:	48.7 LAeq	113.4 dB
Hollinger Office:	62.6 LAeq	116.7 dB
Noah:	61.4 LAeq	110.1 dB
Sandy:	50.6 LAeq	107.5 dB
Water Tower:	57.0 LAeq	114.9 dB
Wilson:	52.5 LAeq	109.4 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:	10.7	12.8	17.0	22.0
Edwards:	10.5	12.4	19.2	21.7
Hollinger Office:	19.3	32.5	37.7	88.2
Sandy:	10.3	13.0	20.0	24.8

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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:	1.8	3.4
Edwards:	0.9	2.0
Hollinger Office:	9.1	39.6
Sandy:	1.2	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.6
Hollinger West:	1.4	0.4	1.3
Imerys:	1.5	3.8	1.0
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.7	0.4	0.7
Sandy:	1.6	1.0	2.3
Water Tower:	1.9	1.1	2.0
Wilson:	1.4	1.6	2.3