

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_100  
**Date:** 27-Mar-21  
**Blast Time:** 11:38  
**Blast Sign Activation:** 6:25  
**Website Notification Time:** 7:06

## Blast Conditions

Ceiling Height: 22856 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 4  
Wind Direction: W  
Temperature: -0.5 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	54.8 LAeq	108.6 dB
Edwards:	43.2 LAeq	99.0 dB
Fred:	42.1 LAeq	98.8 dB
Hollinger Office:	54.7 LAeq	106.4 dB
Noah:	59.1 LAeq	96.1 dB
Sandy:	44.1 LAeq	101.6 dB
Water Tower:	46.0 LAeq	101.6 dB
Wilson:	44.3 LAeq	98.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.1	22.2	13.0	18.3
Edwards:	21.8	25.0	30.1	34.6
Hollinger Office:	16.9	24.6	35.5	65.6
Sandy:	12.0	14.6	16.4	21.5

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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:	3.9	6.7
Edwards:	5.2	10.2
Hollinger Office:	4.5	8.3
Sandy:	4.7	8.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	1.7	1.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.4	2.1
Hollinger West:	0.1	0.0	0.1
Imerys:	0.3	0.2	0.4
Noah:	0.5	0.5	0.4
Moneta Pumping Station:	0.3	0.7	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.4