

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_095  
**Date:** 19-Jun-20  
**Blast Time:** 11:45  
**Blast Sign Activation:** 7:05  
**Website Notification Time:** 7:03

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11 km/hr  
Wind Direction: SW  
Temperature: 27.8 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	55.3 LAeq	101.4 dB
Edwards:	49.6 LAeq	105.1 dB
Fred:	46.3 LAeq	101.3 dB
Hollinger Office:	57.7 LAeq	112.8 dB
Noah:	63.7 LAeq	101.8 dB
Sandy:	50.3 LAeq	101.2 dB
Water Tower:	49.0 LAeq	105.3 dB
Wilson:	50.2 LAeq	109.3 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:	22.5	25.9	39.7	47.4
Edwards:	12.8	15.1	34.7	39.4
Hollinger Office:	33.3	43.0	54.9	122.3
Sandy:	28.5	53.7	34.5	63.6

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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:	2.0	4.0
Hollinger Office:	4.7	11.6
Sandy:	2.9	3.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	3.7	1.2	4.6
Hollinger West:	0.2	0.1	0.3
Imerys:	1.2	1.3	1.7
Noah:	0.9	0.7	1.0
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	1.5	1.0	1.9
Wilson:	0.5	0.2	0.5