

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_042  
**Date:** 14-Jun-20  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 6466 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 7 km/hr  
Wind Direction: SW  
Temperature: 17.6 °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:	51.8 LAeq	99.8 dB
Edwards:	54.2 LAeq	94.9 dB
Fred:	45.0 LAeq	92.1 dB
Hollinger Office:	53.2 LAeq	102.0 dB
Noah:	59.8 LAeq	101.8 dB
Sandy:	45.2 LAeq	102.8 dB
Water Tower:	46.5 LAeq	109.6 dB
Wilson:	49.5 LAeq	97.8 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:	10.6	10.8	14.2	14.9
Edwards:	4.4	4.9	9.6	12.3
Hollinger Office:	11.5	11.8	9.3	10.7
Sandy:	5.9	19.1	7.1	30.1

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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:	0.1	0.5
Edwards:	0.7	2.3
Hollinger Office:	1.1	2.1
Sandy:	2.5	11.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.2	0.3	0.9
Hollinger West:	0.6	0.2	0.6
Imerys:	1.0	1.1	1.3
Noah:	0.7	0.7	0.9
Moneta Pumping Station:	0.3	0.4	0.3
Sandy:	0.6	0.3	0.5
Water Tower:	1.4	0.9	3.5
Wilson:	1.0	0.9	1.0