

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_034  
**Date:** 22-Jun-20  
**Blast Time:** 15:30  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 7872 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 9 km/hr  
Wind Direction: SE  
Temperature: 24.1 °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:	57.1 LAeq	98.4 dB
Edwards:	45.8 LAeq	93.5 dB
Fred:	44.0 LAeq	86.3 dB
Hollinger Office:	58.7 LAeq	100.8 dB
Noah:	59.9 LAeq	100.8 dB
Sandy:	46.7 LAeq	103.8 dB
Water Tower:	47.0 LAeq	110.7 dB
Wilson:	47.1 LAeq	99.8 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:	18.3	19.2	39.3	40.3
Edwards:	4.2	4.7	24.7	27.6
Hollinger Office:	8.4	9.2	28.3	31.7
Sandy:	17.3	24.5	21.9	30.8

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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:	0.3	1.2
Edwards:	1.2	2.5
Hollinger Office:	2.2	3.4
Sandy:	3.5	5.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.6	0.3	0.6
Hollinger West:	0.7	0.3	0.5
Imerys:	0.9	0.9	1.1
Noah:	0.9	0.7	0.9
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	1.4	0.3	0.6
Water Tower:	2.9	1.7	3.3
Wilson:	0.8	0.8	1.0