

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_132  
**Date:** 19-Apr-20  
**Blast Time:** 11:31  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 4593 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 20 km/hr  
Wind Direction: N  
Temperature: -7.7 °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:	51.7 LAeq	103.9 dB
Edwards:	44.8 LAeq	99.2 dB
Fred:	42.0 LAeq	106.2 dB
Hollinger Office:	52.9 LAeq	105.4 dB
Noah:	57.5 LAeq	105.0 dB
Sandy:	40.9 LAeq	100.2 dB
Water Tower:	46.0 LAeq	113.4 dB
Wilson:	43.9 LAeq	105.9 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:	6.2	6.6	5.1	5.9
Edwards:	9.0	9.7	12.2	14.2
Hollinger Office:	9.5	10.4	14.4	17.5
Sandy:	5.6	6.8	8.8	12.9

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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:	0.0	0.2
Edwards:	1.0	1.5
Hollinger Office:	1.6	3.1
Sandy:	2.2	5.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	1.2	0.6	2.0
Hollinger West:	0.1	0.1	0.1
Imerys:	1.1	0.9	1.2
Noah:	1.1	0.7	1.4
Moneta Pumping Station:	0.1	0.0	0.2
Sandy:	0.1	0.1	0.1
Water Tower:	0.6	0.3	0.4
Wilson:	0.6	0.3	0.5