

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_105  
**Date:** 6-Oct-19  
**Blast Time:** 11:31  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1200 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 13 km/hr  
Wind Direction: S  
Temperature: 12.5 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.1 LAeq	117.7 dB
Edwards:	58.2 LAeq	117.0 dB
Fred:	50.5 LAeq	115.6 dB
Hollinger Office:	60.4 LAeq	119.8 dB
Noah:	62.4 LAeq	118.0 dB
Sandy:	53.3 LAeq	116.1 dB
Water Tower:	62.2 LAeq	124.6 dB
Wilson:	53.5 LAeq	113.0 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:	23.2	23.6	2.7	4.0
Edwards:	2.6	3.4	7.6	9.2
Hollinger Office:	11.4	15.3	15.8	28.0
Sandy:	1.2	1.7	7.3	9.9

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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:	0.6	1.5
Edwards:	3.7	14.2
Hollinger Office:	3.5	5.0
Sandy:	1.4	3.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.7	0.8
Edwards:	0.3	0.2	0.3
Hollinger Office:	1.2	0.5	0.6
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.4	0.8
Noah:	1.4	0.5	0.8
Moneta Pumping Station:	0.4	0.4	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	0.5	0.3	0.3
Wilson:	0.9	0.9	1.0