

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_106  
**Date:** 17-Oct-19  
**Blast Time:** 15:47  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 20 km/hr  
Wind Direction: N  
Temperature: 5.8 °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:	59.2 LAeq	105.8 dB
Edwards:	52.6 LAeq	106.2 dB
Fred:	50.5 LAeq	115.9 dB
Hollinger Office:	58.9 LAeq	112.2 dB
Noah:	68.3 LAeq	111.9 dB
Sandy:	46.8 LAeq	114.2 dB
Water Tower:	55.0 LAeq	118.3 dB
Wilson:	53.8 LAeq	116.0 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:	21.6	21.7		
Edwards:	4.0	4.5	7.2	9.0
Hollinger Office:	15.8	26.6	11.6	21.6
Sandy:	12.4	19.2	14.6	22.4

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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:	1.2	1.6
Hollinger Office:	4.1	7.7
Sandy:	6.8	11.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.7	0.2	0.7
Hollinger West:	0.5	0.3	0.5
Imerys:	0.5	0.3	0.4
Noah:	1.5	1.1	1.4
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	0.5	0.3	0.6
Water Tower:	0.4	0.2	0.4
Wilson:	0.6	0.6	0.8