

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_039  
**Date:** 28-Oct-19  
**Blast Time:** 15:46  
**Blast Sign Activation:** 7:58  
**Website Notification Time:** 7:47

## Blast Conditions

Ceiling Height: 900 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: 5.5 °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:	55.9 LAeq	105.7 dB
Edwards:	46.5 LAeq	99.6 dB
Fred:	43.2 LAeq	95.3 dB
Hollinger Office:	54.4 LAeq	104.7 dB
Noah:	63.5 LAeq	104.8 dB
Sandy:	47.7 LAeq	105.2 dB
Water Tower:	47.8 LAeq	111.8 dB
Wilson:	51.8 LAeq	100.6 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:	7.8	8.1	8.3	9.2
Edwards:	5.9	6.3	10.1	11.4
Hollinger Office:	10.5	12.8	10.9	15.5
Sandy:	5.5	6.1	8.3	8.9

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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:	3.8	9.5
Edwards:	3.0	6.6
Hollinger Office:	8.0	26.4
Sandy:	4.4	4.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.2	0.6
Hollinger West:	0.8	0.3	0.8
Imerys:	0.8	0.8	1.2
Noah:	0.9	0.7	0.8
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	1.1	0.5	0.8
Water Tower:	0.8	0.6	1.6
Wilson:	1.3	0.9	1.8