

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_055  
**Date:** 7-Sep-19  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 600 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 11 km/hr  
Wind Direction: NE  
Temperature: 11.2 °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:	57.0 LAeq	97.4 dB
Edwards:	49.2 LAeq	95.4 dB
Fred:	44.5 LAeq	95.9 dB
Hollinger Office:	58.2 LAeq	99.2 dB
Noah:	63.4 LAeq	100.9 dB
Sandy:	43.2 LAeq	101.0 dB
Water Tower:	52.4 LAeq	105.1 dB
Wilson:	49.5 LAeq	102.9 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:	5.5	8.6	3.8	7.0
Edwards:	0.7	0.8	5.1	5.9
Hollinger Office:	2.3	3.0	6.7	7.5
Sandy:	1.7	3.3	6.2	8.1

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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:	0.1	0.4
Edwards:	1.3	2.3
Hollinger Office:	1.9	3.1
Sandy:	6.2	12.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	2.5	1.5	2.2
Imerys:	0.6	0.6	1.0
Noah:	0.4	0.5	0.5
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.5	0.3	0.5
Water Tower:	1.2	1.1	2.3
Wilson:	2.0	1.5	2.9