

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_056, 3328\_084A  
**Date:** 26-Sep-19  
**Blast Time:** 15:35  
**Blast Sign Activation:** 12:15  
**Website Notification Time:** 12:00

## Blast Conditions

Ceiling Height: 1968 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 17 km/hr  
Wind Direction: NW  
Temperature: 12.1 °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:	58.2 LAeq	107.4 dB
Edwards:	53.2 LAeq	106.2 dB
Fred:	47.9 LAeq	103.6 dB
Hollinger Office:	58.4 LAeq	111.2 dB
Noah:	67.0 LAeq	106.8 dB
Sandy:	46.9 LAeq	108.2 dB
Water Tower:	51.3 LAeq	114.6 dB
Wilson:	50.2 LAeq	107.7 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:	22.6	23.0	3.4	4.6
Edwards:	7.9	7.9	7.8	11.5
Hollinger Office:	7.8	19.9	9.6	22.0
Sandy:	3.4	3.4	5.2	7.3

# Hollinger Public Blast Report



## 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:	1.8	2.7
Edwards:	4.7	8.5
Hollinger Office:	3.2	5.4
Sandy:	1.1	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	1.3
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.9	0.8	0.7
Hollinger West:	0.5	0.3	0.7
Imerys:	0.6	0.6	0.7
Noah:	0.7	0.4	1.1
Moneta Pumping Station:	1.2	0.9	1.3
Sandy:	2.9	2.0	4.4
Water Tower:	1.0	0.7	1.1
Wilson:	1.7	1.7	1.8