

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_021  
**Date:** 23-Aug-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 7:43  
**Website Notification Time:** 7:32

## Blast Conditions

Ceiling Height: 3300 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 19 km/hr  
Wind Direction: N  
Temperature: 13.8 °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:	57.1 LAeq	103.2 dB
Edwards:	50.4 LAeq	104.5 dB
Fred:	46.3 LAeq	109.8 dB
Hollinger Office:	56.9 LAeq	104.4 dB
Noah:	62.6 LAeq	107.1 dB
Sandy:	45.9 LAeq	105.2 dB
Water Tower:	51.2 LAeq	119.2 dB
Wilson:	49.5 LAeq	109.4 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:	6.7	7.3	3.7	4.2
Edwards:			6.2	7.1
Hollinger Office:	7.4	8.1	9.7	37.7
Sandy:	22.5	90.8	21.8	135.1

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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	0.3
Edwards:	1.0	1.3
Hollinger Office:	2.2	4.3
Sandy:	14.7	99.9

## 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:	0.1	0.1	0.1
Hollinger West:	0.6	0.4	0.5
Imerys:	0.3	0.3	0.4
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	2.6	1.1	1.5
Water Tower:	0.8	0.9	1.0
Wilson:	1.4	1.2	1.7