

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_032  
**Date:** 29-Jul-19  
**Blast Time:** 11:46  
**Blast Sign Activation:** 7:46  
**Website Notification Time:** 7:29

## Blast Conditions

Ceiling Height: 7000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 17 km/hr  
Wind Direction: SE  
Temperature: 19.9 °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:	54.8 LAeq	99.6 dB
Edwards:	47.6 LAeq	99.8 dB
Fred:	45.3 LAeq	99.8 dB
Hollinger Office:	55.4 LAeq	101.9 dB
Noah:	60.3 LAeq	105.4 dB
Sandy:	46.6 LAeq	102.8 dB
Water Tower:	53.5 LAeq	112.2 dB
Wilson:	51.7 LAeq	105.9 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:	4.1	4.8	26.1	30.5
Edwards:	8.0	8.3	22.7	24.3
Hollinger Office:	17.2	21.3	25.4	44.0
Sandy:	6.7	7.4	18.4	19.9

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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:	1.7	7.4
Edwards:	1.1	2.3
Hollinger Office:	1.7	4.0
Sandy:	1.8	2.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.4	0.2	0.6
Hollinger West:	0.9	0.6	0.9
Imerys:	1.3	1.5	1.6
Noah:	1.4	1.1	1.3
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	1.1	0.4	0.7
Water Tower:	3.8	4.1	3.8
Wilson:	1.8	1.4	1.3