

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_023  
**Date:** 15-Aug-19  
**Blast Time:** 11:46  
**Blast Sign Activation:** 8:22  
**Website Notification Time:** 8:16

## Blast Conditions

Ceiling Height: 24000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 7 km/hr  
Wind Direction: S  
Temperature: 20.1 °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:	54.2 LAeq	97.4 dB
Edwards:	46.3 LAeq	94.9 dB
Fred:	42.3 LAeq	95.3 dB
Hollinger Office:	53.9 LAeq	103.6 dB
Noah:	60.5 LAeq	100.7 dB
Sandy:	52.3 LAeq	102.9 dB
Water Tower:	47.1 LAeq	110.3 dB
Wilson:	49.5 LAeq	105.2 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:	5.7	6.3	3.5	4.6
Edwards:	7.0	9.3	11.6	26.5
Hollinger Office:	27.4	101.5	29.0	151.2
Sandy:	9.0	17.4	12.1	27.9

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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:	0.4	1.6
Edwards:	1.7	2.4
Hollinger Office:	3.0	9.4
Sandy:	0.9	1.2

## 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	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.9	0.6	1.3
Imerys:	0.3	0.6	0.4
Noah:	0.4	0.5	0.3
Moneta Pumping Station:	0.4	0.4	0.6
Sandy:	2.6	1.3	1.9
Water Tower:	1.0	0.8	1.6
Wilson:	1.4	1.4	2.0