

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_069  
**Date:** 3-Jul-19  
**Blast Time:** 15:50  
**Blast Sign Activation:** 8:05  
**Website Notification Time:** 7:58

## Blast Conditions

Ceiling Height: 10000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 17 km/hr  
Wind Direction: W  
Temperature: 31.4 °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:	54.7 LAeq	109.4 dB
Edwards:	48.4 LAeq	104.2 dB
Fred:	44.4 LAeq	102.4 dB
Hollinger Office:	54.7 LAeq	113.3 dB
Noah:	64.4 LAeq	121.4 dB
Sandy:	46.9 LAeq	100.2 dB
Water Tower:	48.8 LAeq	110.7 dB
Wilson:	49.8 LAeq	108.6 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:	10.8	12.3	14.1	16.5
Edwards:	25.5	41.8	39.6	99.0
Hollinger Office:	64.4	180.9	54.7	179.2
Sandy:	21.9	62.7	23.2	63.5

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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:	0.7	1.1
Edwards:	0.0	0.0
Hollinger Office:	0.0	0.0
Sandy:	1.9	2.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.7
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	0.5	0.7
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.4	0.7
Noah:	1.1	0.7	0.7
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	0.8	0.3	0.8
Water Tower:	0.4	0.3	0.6
Wilson:	0.8	0.8	1.3