

# Hollinger Public Blast Report



**Blast Pattern:** 3346\_188, 3346\_189  
**Date:** 18-Sep-19  
**Blast Time:** 15:46  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 3700 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: 20.7 °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	108.6 dB
Edwards:	54.0 LAeq	102.5 dB
Fred:	43.6 LAeq	99.0 dB
Hollinger Office:	55.9 LAeq	110.0 dB
Noah:	63.9 LAeq	112.1 dB
Sandy:	48.3 LAeq	99.6 dB
Water Tower:	51.2 LAeq	111.6 dB
Wilson:	52.6 LAeq	103.2 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:	28.2	28.9	16.8	18.7
Edwards:	11.9	13.5	15.8	17.4
Hollinger Office:	10.8	12.9	23.1	30.6
Sandy:	15.0	32.8	23.9	46.1

# 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:	2.3	4.1
Edwards:	0.0	0.0
Hollinger Office:	4.0	8.0
Sandy:	1.5	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.5
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.1	0.0	0.0
Imerys:	0.3	0.1	0.3
Noah:	0.4	0.6	0.4
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.2	0.4