

# Hollinger Public Blast Report



**Blast Pattern:** 3346\_179, 3346\_180  
**Date:** 20-Jul-19  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:23

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13 km/hr  
Wind Direction: W  
Temperature: 26 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	54.9 LAeq	109.1 dB
Edwards:	53.5 LAeq	98.4 dB
Fred:	43.5 LAeq	101.0 dB
Hollinger Office:	54.8 LAeq	106.7 dB
Noah:	59.9 LAeq	106.3 dB
Sandy:	47.3 LAeq	98.0 dB
Water Tower:	48.0 LAeq	115.7 dB
Wilson:	55.2 LAeq	103.3 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.6	3.6	20.7	25.1
Edwards:	10.0	18.7	24.7	72.7
Hollinger Office:	29.3	31.4	16.6	24.4
Sandy:	5.8	6.5	9.8	11.4

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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:	3.9	32.7
Edwards:	31.8	195.6
Hollinger Office:	0.8	1.1
Sandy:	1.7	2.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	4.0	2.5	2.8
Edwards:	0.4	0.3	0.3
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.3	0.5
Noah:	0.4	0.6	0.6
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.2	0.1	0.1
Water Tower:	0.3	0.1	0.3
Wilson:	0.6	0.3	0.5