

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_061, 3334\_048  
**Date:** 24-Jul-19  
**Blast Time:** 11:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 22000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 15 km/hr  
Wind Direction: W  
Temperature: 21.9 °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:	55.0 LAeq	107.4 dB
Edwards:	50.4 LAeq	104.3 dB
Fred:	44.6 LAeq	99.2 dB
Hollinger Office:	55.8 LAeq	113.4 dB
Noah:	61.1 LAeq	100.1 dB
Sandy:	49.8 LAeq	103.6 dB
Water Tower:	48.0 LAeq	110.7 dB
Wilson:	48.6 LAeq	102.8 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:	12.9	16.1	19.3	25.7
Edwards:	11.8	22.7	44.6	98.4
Hollinger Office:	41.8	57.2	50.6	74.1
Sandy:	6.5	9.4	26.7	32.0

# 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:	1.4	3.4
Edwards:	5.3	9.7
Hollinger Office:	2.5	4.3
Sandy:	1.4	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.3	0.7	1.3
Hollinger West:	0.3	0.2	0.2
Imerys:	1.4	1.9	1.6
Noah:	1.8	1.2	1.6
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.4	0.2	0.3
Water Tower:	1.6	0.8	1.8
Wilson:	1.3	0.9	1.3