

# Hollinger Public Blast Report



**Blast Pattern:** 3334\_066 W/S  
**Date:** 19-Jun-19  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:41  
**Website Notification Time:** 7:32

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13 km/hr  
Wind Direction: N  
Temperature: 18.3 °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:	55.7 LAeq	103.7 dB
Edwards:	52.1 LAeq	97.1 dB
Fred:	47.2 LAeq	102.3 dB
Hollinger Office:	58.0 LAeq	101.7 dB
Noah:	70.2 LAeq	113.0 dB
Sandy:	43.5 LAeq	111.4 dB
Water Tower:	48.6 LAeq	108.8 dB
Wilson:	50.8 LAeq	107.1 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:	9.6	10.1	7.2	8.1
Edwards:	7.0	11.2		
Hollinger Office:	8.4	9.3	12.2	20.4
Sandy:	14.1	23.6	17.2	37.8

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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:	0.0	0.1
Edwards:	0.0	0.0
Hollinger Office:	3.6	9.1
Sandy:	2.8	5.2

## 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:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	2.1	2.4	2.3
Imerys:	0.7	0.7	0.9
Noah:	1.6	1.3	1.5
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	1.1	0.3	1.2
Water Tower:	1.3	1.2	1.8
Wilson:	1.9	1.2	1.4