

# Hollinger Public Blast Report



**Blast Pattern:** 3340\_115  
**Date:** 30-Aug-19  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 18 km/hr  
Wind Direction: W  
Temperature: 13.5 °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:	56.7 LAeq	110.3 dB
Edwards:	52.0 LAeq	109.6 dB
Fred:	45.4 LAeq	107.8 dB
Hollinger Office:	57.6 LAeq	112.5 dB
Noah:	63.6 LAeq	109.1 dB
Sandy:	47.1 LAeq	105.8 dB
Water Tower:	50.8 LAeq	115.7 dB
Wilson:	50.0 LAeq	107.7 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:	6.8	7.4	0.7	0.9
Edwards:	3.2	6.6	8.2	20.8
Hollinger Office:	5.7	9.6	13.6	21.8
Sandy:	1.0	1.3	5.0	8.2

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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:	1.2	3.1
Edwards:	4.7	8.8
Hollinger Office:	4.3	5.9
Sandy:	0.9	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.2	0.9	1.0
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.8	0.5	0.5
Hollinger West:	0.1	0.1	0.2
Imerys:	0.4	0.3	0.4
Noah:	0.6	0.5	0.5
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.3	0.1	0.3
Water Tower:	0.3	0.2	0.4
Wilson:	1.1	0.4	1.1