

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_040  
**Date:** 5-Sep-19  
**Blast Time:** 15:54  
**Blast Sign Activation:** 13:31  
**Website Notification Time:** 13:29

## Blast Conditions

Ceiling Height: 800 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 6 km/hr  
Wind Direction: N  
Temperature: 13.1 °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:	55.6 LAeq	100.3 dB
Edwards:	46.1 LAeq	94.1 dB
Fred:	41.7 LAeq	86.9 dB
Hollinger Office:	56.2 LAeq	105.0 dB
Noah:	62.8 LAeq	104.1 dB
Sandy:	45.8 LAeq	104.2 dB
Water Tower:	48.5 LAeq	114.7 dB
Wilson:	47.3 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:	10.2	10.3	6.1	6.6
Edwards:	6.1	6.9	14.6	17.8
Hollinger Office:	18.1	19.9	17.1	20.5
Sandy:	9.9	17.5	13.2	22.1

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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:	0.5	1.0
Edwards:	1.6	2.2
Hollinger Office:	4.5	7.5
Sandy:	3.5	7.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.5	0.9
Hollinger West:	0.6	0.3	0.6
Imerys:	1.5	1.0	1.5
Noah:	1.1	0.9	1.1
Moneta Pumping Station:	0.7	0.3	0.7
Sandy:	1.7	0.8	1.0
Water Tower:	1.6	1.2	2.3
Wilson:	1.5	2.5	2.3