

# Hollinger Public Blast Report



**Blast Pattern:** 3324\_047  
**Date:** 4-Sep-19  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:49  
**Website Notification Time:** 7:38

## Blast Conditions

Ceiling Height: 984 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 20 km/hr  
Wind Direction: NW  
Temperature: 10.8 °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:	57.9 LAeq	108.6 dB
Edwards:	51.0 LAeq	100.6 dB
Fred:	46.6 LAeq	104.9 dB
Hollinger Office:	57.6 LAeq	106.8 dB
Noah:	64.3 LAeq	113.4 dB
Sandy:	46.3 LAeq	104.3 dB
Water Tower:	50.5 LAeq	113.2 dB
Wilson:	50.7 LAeq	109.7 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:	10.8	11.6	2.4	3.8
Edwards:	2.9	3.2	11.0	12.9
Hollinger Office:	7.4	8.8	11.9	13.5
Sandy:	7.8	26.9	12.6	49.0

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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:	0.1	0.3
Edwards:	1.1	1.9
Hollinger Office:	2.2	6.6
Sandy:	11.6	86.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	1.0	0.6	0.9
Imerys:	0.3	0.3	0.3
Noah:	0.4	0.6	0.4
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	4.4	2.1	2.1
Water Tower:	0.5	0.4	0.8
Wilson:	1.4	1.5	1.5