

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_035  
**Date:** 19-Oct-19  
**Blast Time:** 11:45  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:19

## Blast Conditions

Ceiling Height: 200 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: 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:	54.9 LAeq	104.9 dB
Edwards:	47.4 LAeq	101.9 dB
Fred:	42.3 LAeq	102.3 dB
Hollinger Office:	54.5 LAeq	115.8 dB
Noah:	60.6 LAeq	104.9 dB
Sandy:	47.7 LAeq	102.8 dB
Water Tower:	51.8 LAeq	117.9 dB
Wilson:	52.6 LAeq	104.6 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:	22.6	22.8		
Edwards:	3.2	3.6	6.1	6.7
Hollinger Office:	2.4	4.5	4.7	9.0
Sandy:	4.9	5.4	6.5	7.3

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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:	0.9	2.3
Edwards:	1.7	3.3
Hollinger Office:	5.9	25.7
Sandy:	2.5	3.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.7	0.4	0.7
Imerys:	0.6	0.7	0.9
Noah:	0.5	0.4	0.4
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	2.5	1.2	1.7
Water Tower:	0.8	0.8	2.2
Wilson:	1.3	1.0	1.9