

# Hollinger Public Blast Report



**Blast Pattern:** 3340\_125  
**Date:** 3-Oct-19  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 600 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: NE  
Temperature: 3.2 °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:	55.5 LAeq	100.7 dB
Edwards:	48.5 LAeq	94.3 dB
Fred:	42.3 LAeq	90.0 dB
Hollinger Office:	57.5 LAeq	106.7 dB
Noah:	77.3 LAeq	123.7 dB
Sandy:	41.6 LAeq	99.1 dB
Water Tower:	49.9 LAeq	110.0 dB
Wilson:	56.1 LAeq	97.4 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:	20.1	20.3		
Edwards:	7.2	20.8	32.2	95.4
Hollinger Office:	2.5	4.2	4.5	7.9
Sandy:	4.7	7.6	5.9	9.4

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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:	0.2	0.4
Edwards:	2.2	3.3
Hollinger Office:	2.1	2.4
Sandy:	11.4	44.1

## 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:	0.2	0.1	0.4
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	5.3	5.6	2.7
Moneta Pumping Station:	0.5	0.5	0.4
Sandy:	0.6	0.3	0.5
Water Tower:	0.3	0.1	0.3
Wilson:	0.5	0.3	0.6