

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_086E, 3328\_086F  
**Date:** 26-Dec-19  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:24  
**Website Notification Time:** 7:11

## Blast Conditions

Ceiling Height: 1968 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 19 km/hr  
Wind Direction: SE  
Temperature: -5.1 °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:	50.5 LAeq	101.8 dB
Edwards:	44.8 LAeq	106.2 dB
Fred:	42.0 LAeq	102.4 dB
Hollinger Office:	54.0 LAeq	117.3 dB
Noah:	55.0 LAeq	110.6 dB
Sandy:	41.4 LAeq	99.2 dB
Water Tower:	49.5 LAeq	111.4 dB
Wilson:	49.6 LAeq	109.1 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:	5.7	6.8	4.8	5.9
Edwards:	1.9	2.1	8.9	10.9
Hollinger Office:	7.2	10.8	9.4	18.7
Sandy:	3.1	3.8	7.0	8.1

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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:	0.6	0.9
Edwards:	2.1	3.1
Hollinger Office:	9.2	16.6
Sandy:	1.0	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.7	0.6	1.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.1	0.4
Noah:	0.3	0.1	0.3
Moneta Pumping Station:	0.1	0.2	0.0
Sandy:	0.1	0.0	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.1	0.2