

# Hollinger Public Blast Report

**Blast Pattern:** 3322\_018  
**Date:** 14-Jan-20  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 7:41

## Blast Conditions

Ceiling Height: 1969 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 11 km/hr  
Wind Direction: SE  
Temperature: -12.9 °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:	49.0 LAeq	100.6 dB
Edwards:	44.6 LAeq	100.4 dB
Fred:	43.9 LAeq	98.2 dB
Hollinger Office:	53.3 LAeq	111.7 dB
Noah:	56.1 LAeq	105.6 dB
Sandy:	46.6 LAeq	112.9 dB
Water Tower:	55.5 LAeq	115.4 dB
Wilson:	48.5 LAeq	107.9 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:	5.0	5.4	3.7	4.6
Edwards:	3.0	3.3	7.9	8.5
Hollinger Office:	9.2	11.6	14.2	28.8
Sandy:	2.9	3.4	7.7	8.6

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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:	1.0	2.5
Edwards:	2.8	6.7
Hollinger Office:	4.3	6.4
Sandy:	6.0	8.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.7	0.4	0.9
Imerys:	0.3	0.4	0.5
Noah:	1.3	0.5	0.7
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	1.2	0.7	1.3
Water Tower:	0.6	0.7	0.6
Wilson:	2.7	2.1	3.4