

# Hollinger Public Blast Report



**Blast Pattern:** 3322\_003  
**Date:** 7-Jan-20  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 7874 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: -5.5 °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:	49.8 LAeq	100.4 dB
Edwards:	48.1 LAeq	101.6 dB
Fred:	44.3 LAeq	98.2 dB
Hollinger Office:	52.2 LAeq	111.0 dB
Noah:	57.6 LAeq	109.6 dB
Sandy:	43.9 LAeq	100.9 dB
Water Tower:	50.9 LAeq	113.6 dB
Wilson:	56.4 LAeq	103.0 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	6.4	5.1	6.4
Edwards:	3.0	3.5	8.3	10.0
Hollinger Office:	4.6	6.2	7.4	9.5
Sandy:	3.0	3.5	6.4	9.5

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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:	1.5	4.1
Edwards:	1.6	3.8
Hollinger Office:	9.8	19.6
Sandy:	7.8	9.8

## 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:	0.2	0.2	0.4
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.5	0.8
Noah:	0.4	0.4	0.7
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.7	0.5	0.6
Water Tower:	0.9	0.5	0.5
Wilson:	1.0	0.7	0.8