

# Hollinger Public Blast Report



**Blast Pattern:** 3328\_070  
**Date:** 1-Dec-19  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 24934 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7 km/hr  
Wind Direction: E  
Temperature: -12.1 °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:	49.9 LAeq	110.3 dB
Edwards:	43.0 LAeq	102.7 dB
Fred:	38.8 LAeq	94.0 dB
Hollinger Office:	54.4 LAeq	114.3 dB
Noah:	58.6 LAeq	103.1 dB
Sandy:	38.4 LAeq	104.5 dB
Water Tower:	47.6 LAeq	113.8 dB
Wilson:	49.6 LAeq	99.4 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:	3.1	7.3	2.1	3.0
Edwards:	0.9	1.2	5.6	9.0
Hollinger Office:	1.9	2.3	7.4	17.3
Sandy:	3.6	6.4	3.5	7.6

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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:	0.4	0.6
Edwards:	2.0	2.6
Hollinger Office:	2.8	3.1
Sandy:	11.5	38.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.7	0.5	0.9
Hollinger West:	0.5	0.5	0.4
Imerys:	1.0	0.6	1.0
Noah:	1.5	0.8	1.7
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.6	0.6	0.7
Water Tower:	0.8	0.5	0.9
Wilson:	2.2	1.6	2.5