

# Hollinger Public Blast Report

**Blast Pattern:** 3334\_137WS  
**Date:** 28-Jan-20  
**Blast Time:** 11:33  
**Blast Sign Activation:** 8:35  
**Website Notification Time:** 8:30

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 13 km/hr  
Wind Direction: N  
Temperature: -12.3 °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:	50.3 LAeq	104.7 dB
Edwards:	49.8 LAeq	94.5 dB
Fred:	37.2 LAeq	100.5 dB
Hollinger Office:	51.1 LAeq	112.9 dB
Noah:	58.0 LAeq	107.8 dB
Sandy:	40.7 LAeq	102.4 dB
Water Tower:	45.1 LAeq	112.1 dB
Wilson:	58.6 LAeq	104.9 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:	1.9	2.3	1.9	2.6
Edwards:	2.2	2.4	4.3	4.8
Hollinger Office:	0.0	0.0	2.5	4.2
Sandy:	2.9	3.8	4.0	6.7

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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:	1.7	2.5
Hollinger Office:	5.0	7.8
Sandy:	3.8	4.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.1	0.1	0.2
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.7	0.3	0.7
Water Tower:	0.2	0.2	0.1
Wilson:	0.3	0.2	0.4