

# Hollinger Public Blast Report

**Blast Pattern:** 3340\_139 WS  
**Date:** 6-Feb-20  
**Blast Time:** 11:32  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 4921 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 11 km/hr  
Wind Direction: N  
Temperature: -13.1 °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:	51.6 LAeq	99.6 dB
Edwards:	45.0 LAeq	94.0 dB
Fred:	39.8 LAeq	98.5 dB
Hollinger Office:	54.3 LAeq	105.7 dB
Noah:	60.3 LAeq	100.2 dB
Sandy:	38.6 LAeq	102.7 dB
Water Tower:	47.3 LAeq	102.6 dB
Wilson:	52.7 LAeq	102.0 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:	4.3	5.3	3.2	3.6
Edwards:	5.5	5.8	7.2	8.8
Hollinger Office:	4.5	5.0	5.9	7.2
Sandy:	5.0	5.8	6.2	9.4

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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:	0.3	0.4
Edwards:	2.5	3.7
Hollinger Office:	8.9	14.0
Sandy:	3.2	5.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.6	0.6	1.1
Hollinger West:	0.0	0.0	0.0
Imerys:	0.3	0.2	0.3
Noah:	0.2	0.4	0.4
Moneta Pumping Station:	0.0	0.0	0.1
Sandy:	0.1	0.0	0.0
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.1	0.3