

# Hollinger Public Blast Report

**Blast Pattern:** 3334\_095  
**Date:** 4-Feb-20  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 2625 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 11 km/hr  
Wind Direction: W  
Temperature: -7.3 °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:	52.8 LAeq	106.3 dB
Edwards:	47.5 LAeq	100.6 dB
Fred:	41.4 LAeq	104.7 dB
Hollinger Office:	54.0 LAeq	108.2 dB
Noah:	58.5 LAeq	102.3 dB
Sandy:	39.0 LAeq	100.9 dB
Water Tower:	47.7 LAeq	113.6 dB
Wilson:	49.7 LAeq	108.8 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:	4.4	5.7	4.4	5.5
Edwards:	3.8	4.4	8.3	11.6
Hollinger Office:	3.5	4.7	7.3	9.9
Sandy:	4.6	8.2	5.5	9.1

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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:	1.1	1.9
Edwards:	1.5	2.0
Hollinger Office:	4.7	6.0
Sandy:	2.7	3.1

## 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:	0.0	0.0	0.0
Hollinger Office:	1.5	1.1	2.2
Hollinger West:	0.1	0.1	0.2
Imerys:	1.6	1.2	1.2
Noah:	0.9	0.6	1.5
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	1.5	1.5	0.9
Wilson:	0.2	0.2	0.3