

# Hollinger Public Blast Report

**Blast Pattern:** 3334\_125  
**Date:** 3-Feb-20  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:10  
**Website Notification Time:** 8:05

## Blast Conditions

Ceiling Height: 1312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 15 km/hr  
Wind Direction: W  
Temperature: -1.5 °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:	49.3 LAeq	108.8 dB
Edwards:	50.8 LAeq	99.5 dB
Fred:	40.0 LAeq	100.4 dB
Hollinger Office:	52.2 LAeq	106.9 dB
Noah:	59.0 LAeq	102.1 dB
Sandy:	49.1 LAeq	97.1 dB
Water Tower:	46.4 LAeq	105.9 dB
Wilson:	48.8 LAeq	100.0 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:	3.5	3.9	3.8	4.2
Edwards:	2.4	3.1	4.6	5.6
Hollinger Office:	3.0	3.7	4.1	6.4
Sandy:	1.9	2.8	4.4	7.4

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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:	1.1	3.8
Edwards:	3.4	6.4
Hollinger Office:	3.8	6.6
Sandy:	2.5	3.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.5	0.9	1.2
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.3	0.4	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.6	0.5	0.5
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.2	0.2
Water Tower:	0.2	0.1	0.2
Wilson:	1.2	0.3	0.5