

# Hollinger Public Blast Report

**Blast Pattern:** 3340\_138  
**Date:** 8-Feb-20  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:29  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: -19.9 °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:	50.2 LAeq	105.1 dB
Edwards:	46.2 LAeq	102.3 dB
Fred:	38.9 LAeq	97.8 dB
Hollinger Office:	50.3 LAeq	107.6 dB
Noah:	57.4 LAeq	99.0 dB
Sandy:	41.9 LAeq	94.5 dB
Water Tower:	45.8 LAeq	100.0 dB
Wilson:	53.7 LAeq	104.0 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:	4.9	7.4	4.4	7.8
Edwards:	3.1	3.7	8.2	11.9
Hollinger Office:	3.0	5.0	5.1	10.4
Sandy:	3.1	3.7	7.1	8.4

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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:	0.6	1.4
Edwards:	4.1	10.4
Hollinger Office:	2.8	8.0
Sandy:	1.4	1.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	2.1	2.6	3.8
Hollinger West:	0.1	0.0	0.1
Imerys:	0.6	0.4	1.0
Noah:	0.7	0.4	0.6
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.2	0.3	0.2
Wilson:	0.3	0.2	0.2