

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_072, 3310\_004 PS  
**Date:** 22-Feb-20  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 15 km/hr  
Wind Direction: SW  
Temperature: 2.4 °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:	53.2 LAeq	112.9 dB
Edwards:	51.6 LAeq	106.2 dB
Fred:	43.4 LAeq	107.0 dB
Hollinger Office:	53.4 LAeq	108.6 dB
Noah:	61.4 LAeq	107.9 dB
Sandy:	43.7 LAeq	109.7 dB
Water Tower:	51.6 LAeq	116.4 dB
Wilson:	52.8 LAeq	112.8 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:	11.8	12.3	9.3	9.6
Edwards:	6.0	10.7	19.6	39.6
Hollinger Office:	18.1	21.2	56.7	67.6
Sandy:	5.8	6.1	13.1	13.9

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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:	1.3	3.2
Edwards:	3.1	5.8
Hollinger Office:	13.7	17.2
Sandy:	2.0	2.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.7	1.2
Hollinger West:	0.4	0.2	0.4
Imerys:	1.8	1.2	1.1
Noah:	1.2	1.0	1.2
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	3.9	1.7	3.4
Water Tower:	0.9	1.7	0.6
Wilson:	1.2	0.6	1.3