

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_035, 3292\_205PS  
**Date:** 20-Oct-20  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 32808 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11 km/hr  
Wind Direction: NW  
Temperature: 1.8 °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:	56.1 LAeq	98.3 dB
Edwards:	48.8 LAeq	93.4 dB
Fred:	42.4 LAeq	91.5 dB
Hollinger Office:	56.8 LAeq	102.2 dB
Noah:	64.0 LAeq	100.6 dB
Sandy:	LAeq	dB
Water Tower:	68.9 LAeq	109.3 dB
Wilson:	46.4 LAeq	105.0 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:	6.3	6.7	1.0	1.5
Edwards:	3.7	5.7	6.1	9.3
Hollinger Office:	4.2	5.4	9.5	14.1
Sandy:	3.0	3.6	3.5	4.4

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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:	1.0	1.9
Edwards:	1.4	3.6
Hollinger Office:	3.5	7.2
Sandy:	1.5	2.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	1.4	0.4	0.6
Hollinger West:	2.8	0.5	1.2
Imerys:	1.9	2.5	2.8
Noah:	1.9	1.3	1.9
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	2.3	2.2	2.2
Water Tower:	4.2	2.9	7.2
Wilson:	1.7	1.1	1.5