

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_027  
**Date:** 24-Sep-20  
**Blast Time:** 15:32  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 32152 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 0 km/hr  
Wind Direction: N  
Temperature: 12.1 °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:	56.8 LAeq	104.0 dB
Edwards:	54.5 LAeq	99.2 dB
Fred:	43.5 LAeq	97.6 dB
Hollinger Office:	57.4 LAeq	104.4 dB
Noah:	62.3 LAeq	103.8 dB
Sandy:	53.8 LAeq	110.2 dB
Water Tower:	52.1 LAeq	113.5 dB
Wilson:	51.3 LAeq	106.1 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:			0.0	0.2
Edwards:	3.5	3.8	7.4	8.8
Hollinger Office:	5.8	7.2	10.4	13.5
Sandy:	3.6	4.9	6.2	9.4

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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:	0.1	0.2
Edwards:	0.7	0.9
Hollinger Office:	1.3	1.6
Sandy:	2.1	4.2

## 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:	0.1	0.0	0.1
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	2.9	1.6	2.2
Imerys:	1.4	1.3	1.8
Noah:	1.1	1.2	1.3
Moneta Pumping Station:	0.3	0.6	0.5
Sandy:	0.8	0.3	0.7
Water Tower:	4.0	3.2	4.9
Wilson:	2.7	1.7	2.6