

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_027  
**Date:** 23-Sep-20  
**Blast Time:** 15:34  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 23950 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 6 km/hr  
Wind Direction: W  
Temperature: 22.4 °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:	57.4 LAeq	110.2 dB
Edwards:	53.9 LAeq	102.4 dB
Fred:	47.1 LAeq	105.0 dB
Hollinger Office:	57.2 LAeq	106.2 dB
Noah:	62.9 LAeq	104.3 dB
Sandy:	49.7 LAeq	111.1 dB
Water Tower:	49.8 LAeq	119.0 dB
Wilson:	50.5 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:			13.2	20.2
Edwards:	16.5	21.9	42.5	69.0
Hollinger Office:	22.5	33.3	42.1	75.1
Sandy:	10.6	13.0	25.8	32.1

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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:	0.8	1.7
Edwards:	2.6	5.0
Hollinger Office:	1.8	2.4
Sandy:	2.0	4.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	5.6	2.8	4.0
Imerys:	0.9	1.2	1.4
Noah:	0.7	0.7	1.1
Moneta Pumping Station:	0.4	0.6	0.4
Sandy:	1.8	0.7	1.3
Water Tower:	3.9	1.9	2.9
Wilson:	2.5	2.9	3.0