

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_109  
**Date:** 1-Sep-20  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:55  
**Website Notification Time:** 7:48

## Blast Conditions

Ceiling Height: 20013 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 13 km/hr  
Wind Direction: S  
Temperature: 17.8 °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:	54.7 LAeq	105.9 dB
Edwards:	49.8 LAeq	101.5 dB
Fred:	46.8 LAeq	99.0 dB
Hollinger Office:	58.2 LAeq	115.0 dB
Noah:	61.5 LAeq	102.8 dB
Sandy:	49.4 LAeq	103.3 dB
Water Tower:	51.9 LAeq	107.0 dB
Wilson:	50.7 LAeq	98.4 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:	4.6	5.0	3.8	4.8
Edwards:	2.4	2.9	16.5	73.9
Hollinger Office:	3.2	3.6	13.9	16.4
Sandy:	8.7	12.0	11.5	16.3

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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:	0.5	1.5
Edwards:	2.4	12.5
Hollinger Office:	3.7	12.8
Sandy:	1.0	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.5	0.8	1.1
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.8	0.3	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.4
Noah:	1.0	0.4	0.5
Moneta Pumping Station:	0.2	0.6	0.3
Sandy:	0.3	0.2	0.3
Water Tower:	0.3	0.3	0.3
Wilson:	0.9	0.9	1.1