

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_110  
**Date:** 6-Oct-20  
**Blast Time:** 11:46  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2952 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 22 km/hr  
Wind Direction: SSW  
Temperature: 11.8 °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:	57.0 LAeq	109.9 dB
Edwards:	56.8 LAeq	104.0 dB
Fred:	47.4 LAeq	109.9 dB
Hollinger Office:	58.4 LAeq	108.9 dB
Noah:	61.2 LAeq	109.3 dB
Sandy:	50.0 LAeq	106.2 dB
Water Tower:	49.1 LAeq	113.9 dB
Wilson:	51.5 LAeq	107.3 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			10.3	10.8
Edwards:	6.3	7.4	18.2	19.2
Hollinger Office:	22.2	31.4	41.2	61.6
Sandy:	12.9	13.3	14.1	16.7

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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:	1.2	2.4
Edwards:	3.4	9.7
Hollinger Office:	7.3	10.2
Sandy:	1.7	2.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.4	0.6
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.6	0.2	0.4
Hollinger West:	0.3	0.1	0.3
Imerys:	0.5	0.3	0.4
Noah:	0.6	0.6	0.6
Moneta Pumping Station:	0.5	1.0	0.3
Sandy:	0.3	0.3	0.3
Water Tower:	0.4	0.2	0.4
Wilson:	0.7	0.4	0.6