

# Hollinger Public Blast Report

**Blast Pattern:** 3328\_113, 3310\_026  
**Date:** 18-Sep-20  
**Blast Time:** 11:45  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 2905 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 4 km/hr  
Wind Direction: W  
Temperature: 5.5 °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:	55.5 LAeq	104.8 dB
Edwards:	54.0 LAeq	95.8 dB
Fred:	41.9 LAeq	91.8 dB
Hollinger Office:	55.5 LAeq	107.0 dB
Noah:	66.7 LAeq	100.3 dB
Sandy:	45.5 LAeq	102.3 dB
Water Tower:	49.3 LAeq	109.3 dB
Wilson:	50.2 LAeq	99.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			0.0	0.0
Edwards:	6.6	7.3	9.3	12.9
Hollinger Office:	18.8	56.8	18.9	43.5
Sandy:	4.9	6.9	4.9	7.8

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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:	1.3	2.3
Edwards:	2.0	3.6
Hollinger Office:	3.5	4.7
Sandy:	3.8	8.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	4.5	2.6	4.7
Hollinger West:	1.1	0.5	1.5
Imerys:	0.8	0.6	0.8
Noah:	0.5	0.5	0.6
Moneta Pumping Station:	0.3	0.5	0.3
Sandy:	2.3	1.8	2.2
Water Tower:	0.7	0.3	0.7
Wilson:	1.5	1.8	1.5