

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_019, 3310\_022  
**Date:** 14-Sep-20  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2624 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 19 km/hr  
Wind Direction: NW  
Temperature: 8.4 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	58.4 LAeq	106.4 dB
Edwards:	51.5 LAeq	101.0 dB
Fred:	49.1 LAeq	104.8 dB
Hollinger Office:	58.6 LAeq	102.7 dB
Noah:	68.1 LAeq	104.9 dB
Sandy:	48.1 LAeq	107.4 dB
Water Tower:	50.3 LAeq	112.2 dB
Wilson:	48.9 LAeq	109.0 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			0.0	0.0
Edwards:	3.5	4.0	5.9	6.7
Hollinger Office:	2.5	3.3	8.0	10.2
Sandy:	4.0	10.3	5.3	13.7

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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:	0.3	0.9
Edwards:	0.8	1.6
Hollinger Office:	1.9	4.1
Sandy:	5.3	25.5

## 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:	0.0	0.0	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	3.6	1.5	2.7
Imerys:	1.1	1.3	1.6
Noah:	1.1	1.0	1.0
Moneta Pumping Station:	0.4	0.5	0.5
Sandy:	1.0	0.3	0.9
Water Tower:	2.3	2.3	3.8
Wilson:	2.4	2.0	2.5