

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_010  
**Date:** 29-Jul-20  
**Blast Time:** 15:34  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2952 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 11 km/hr  
Wind Direction: W  
Temperature: 19.4 °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:	58.3 LAeq	106.4 dB
Edwards:	52.3 LAeq	98.3 dB
Fred:	47.3 LAeq	103.3 dB
Hollinger Office:	58.1 LAeq	104.5 dB
Noah:	63.9 LAeq	102.9 dB
Sandy:	49.2 LAeq	108.6 dB
Water Tower:	50.1 LAeq	112.9 dB
Wilson:	50.5 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.7	20.0	20.9	25.1
Edwards:	6.9	8.3	21.4	23.8
Hollinger Office:	11.8	12.9	18.7	22.8
Sandy:	4.9	9.6	9.1	15.6

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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:	1.0	4.4
Edwards:	8.9	42.6
Hollinger Office:	0.7	0.9
Sandy:	24.6	155.4

## 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:	0.1	0.0	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	1.6	0.7	1.8
Imerys:	0.5	0.5	0.8
Noah:	0.7	0.5	0.6
Moneta Pumping Station:	1.0	0.9	1.0
Sandy:	4.4	2.4	3.4
Water Tower:	0.9	0.7	1.1
Wilson:	2.0	1.9	2.7