

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_013  
**Date:** 24-Sep-21  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 656 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 7  
Wind Direction: S  
Temperature: 8.8 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	56.4 LAeq	98.5 dB
Edwards:	48.6 LAeq	90.8 dB
Fred:	44.8 LAeq	92.4 dB
Hollinger Office:	57.8 LAeq	100.6 dB
Noah:	63.2 LAeq	102.7 dB
Sandy:	47.5 LAeq	106.0 dB
Water Tower:	51.4 LAeq	109.8 dB
Wilson:	49.6 LAeq	97.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.3	0.4	4.1	4.5
Edwards:	2.8	3.2	3.3	4.5
Hollinger Office:	4.5	4.9	5.1	7.0
Sandy:	1.6	2.0	4.3	5.2

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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:	0.8	2.5
Edwards:	1.9	4.1
Hollinger Office:	10.0	14.6
Sandy:	1.2	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	2.0	0.6	2.4
Imerys:	0.6	0.5	0.5
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.9	0.7	0.9
Sandy:	1.5	1.2	1.6
Water Tower:	0.5	0.7	1.3
Wilson:	2.1	2.0	2.4