

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_009  
**Date:** 14-Sep-21  
**Blast Time:** 11:34  
**Blast Sign Activation:** 7:27  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 3,937 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 100% Overcast Rain  
 Wind Speed: 15  
 Wind Direction: SE  
 Temperature: 9.7 °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:	58.8 LAeq	97.3 dB
Edwards:	54.6 LAeq	104.3 dB
Fred:	48.9 LAeq	109.0 dB
Hollinger Office:	60.6 LAeq	114.5 dB
Noah:	64.1 LAeq	110.7 dB
Sandy:	50.7 LAeq	105.3 dB
Water Tower:	56.8 LAeq	115.6 dB
Wilson:	54.7 LAeq	108.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	4.8	2.6	2.9
Edwards:	5.4	5.8	4.0	4.6
Hollinger Office:	2.9	3.1	4.4	5.6
Sandy:	9.3	26.7	9.6	28.8

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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:	0.6	0.8
Edwards:	0.7	1.7
Hollinger Office:	3.9	7.5
Sandy:	1.1	2.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.4	0.7
Hollinger West:	3.3	0.5	2.5
Imerys:	2.2	2.1	1.6
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.7	0.3	0.7
Sandy:	0.9	0.5	0.8
Water Tower:	4.0	1.7	5.1
Wilson:	1.8	1.2	2.3