

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_008 3274\_202 (holes1-49)  
**Date:** 1-Sep-21  
**Blast Time:** 11:32  
**Blast Sign Activation:** 7:25  
**Website Notification Time:** 7:34

## Blast Conditions

Ceiling Height:	29,856	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	0%	Clear
Wind Speed:	17	
Wind Direction:	NW	
Temperature:	13.7	°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:	56.7 LAeq	103.3 dB
Edwards:	55.4 LAeq	91.7 dB
Fred:	46.7 LAeq	101.4 dB
Hollinger Office:	64.6 LAeq	103.7 dB
Noah:	61.4 LAeq	99.8 dB
Sandy:	46.7 LAeq	103.1 dB
Water Tower:	51.9 LAeq	109.1 dB
Wilson:	52.2 LAeq	105.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.4	12.9	2.4	3.7
Edwards:	4.9	5.4	16.9	18.7
Hollinger Office:	10.1	10.9	20.1	31.5
Sandy:	8.7	12.0	20.8	26.0

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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:	2.1	4.8
Edwards:	1.8	2.4
Hollinger Office:	2.0	4.4
Sandy:	3.5	6.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.1	0.1	0.2
Noah:	0.4	0.5	0.3
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.0	0.0	0.0
Water Tower:	0.0	0.0	0.0
Wilson:	0.2	0.1	0.2