

# Hollinger Public Blast Report

**Blast Pattern:** 3280\_002  
**Date:** 4-Nov-21  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:12  
**Website Notification Time:** 7:05

## Blast Conditions

Ceiling Height:	5,249	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Partially Cloudy
Wind Speed:	15	
Wind Direction:	S	
Temperature:	-0.2	°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:	56.3 LAeq	103.4 dB
Edwards:	48.5 LAeq	103.8 dB
Fred:	44.1 LAeq	103.4 dB
Hollinger Office:	63.2 LAeq	112.6 dB
Noah:	61.3 LAeq	108.2 dB
Sandy:	50.6 LAeq	104.7 dB
Water Tower:	53.3 LAeq	114.9 dB
Wilson:	52.6 LAeq	107.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.5	3.6	3.8	4.3
Edwards:	9.9	16.2	11.2	20.8
Hollinger Office:	57.1	140.6	74.4	204.4
Sandy:	1.9	3.8	6.3	9.7

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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:	0.2	0.8
Edwards:	13.6	15.4
Hollinger Office:	12.9	26.2
Sandy:	1.1	1.3

## 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:	0.4	0.1	0.3
Hollinger West:	4.8	2.1	4.7
Imerys:	0.9	1.0	0.9
Noah:	1.7	1.2	1.3
Moneta Pumping Station:	0.7	0.4	0.8
Sandy:	1.4	0.7	1.5
Water Tower:	2.1	1.6	2.6
Wilson:	2.5	3.1	3.1