

# Hollinger Public Blast Report

**Blast Pattern:** 3256\_211PS  
**Date:** 21-May-23  
**Blast Time:** 11:35  
**Blast Sign Activation:** 7:10  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	0%	Clear
Wind Speed:	19	km/h
Wind Direction:	N	
Temperature:	7.5	°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:	55.1 LAeq	104.0 dB
Edwards:	48.3 LAeq	104.7 dB
Fred:	47.9 LAeq	108.5 dB
Hollinger Office:	54.7 LAeq	116.2 dB
Noah:	58.4 LAeq	dB
Sandy:	44.0 Laeq	109.6 dB
Water Tower:	49.6 LAeq	112.7 dB
Wilson:	49.1 LAeq	112.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	9.7	4.6	7.3
Edwards:	9.9	10.7	0.0	0.0
Hollinger Office:	9.1	15.8	14.4	23.2
Sandy:	8.9	28.3	8.1	26.8

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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:	0.0	0.1
Edwards:	0.3	0.9
Hollinger Office:	0.2	0.5
Sandy:	2.0	4.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.6	0.8
Edwards:	0.2	0.3	0.6
Hollinger Office:	0.7	0.5	0.5
Hollinger West:	0.3	0.2	0.3
Imerys:	1.5	0.6	0.7
Noah:	1.2	0.5	1.1
Moneta Pumping Station	0.6	0.4	0.9
Sandy:	1.1	0.5	0.7
Water Tower:			
Wilson:	1.0	0.4	1.0



