

# Hollinger Public Blast Report

**Blast Pattern:** 3280\_069  
**Date:** 10-May-23  
**Blast Time:** 11:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	20,997	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	13	km/h
Wind Direction:	NW	
Temperature:	18.6	°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:	55.5 LAeq	108.5 dB
Edwards:	49.6 LAeq	95.0 dB
Fred:	42.9 LAeq	97.4 dB
Hollinger Office:	55.4 LAeq	107.4 dB
Noah:	LAeq	dB
Sandy:	42.0 LAeq	97.5 dB
Water Tower:	45.1 LAeq	107.8 dB
Wilson:	45.3 LAeq	99.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.8	19.8	14.3	17.1
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	30.5	42.4	49.6	82.6
Sandy:	19.3	23.6	21.0	27.9

# Hollinger Public Blast Report

## 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:	0.3	0.6
Edwards:	2.1	3.7
Hollinger Office:	0.7	1.3
Sandy:	2.1	4.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.5	0.2	0.4
Imerys:	0.6	0.6	0.8
Noah:	0.6	0.4	0.6
Moneta Pumping Station	1.3	0.8	1.3
Sandy:	1.5	0.6	1.0
Water Tower:	0.7	0.4	0.7
Wilson:	0.9	0.5	0.8



