

# Hollinger Public Blast Report

**Blast Pattern:** 3280\_087  
**Date:** 19-May-23  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:40  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	1,968	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Rain
Wind Speed:	9	km/h
Wind Direction:	SW	
Temperature:	7.4	°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:	56.6 LAeq	112.9 dB
Edwards:	48.1 LAeq	105.2 dB
Fred:	45.4 LAeq	98.7 dB
Hollinger Office:	56.2 LAeq	109.8 dB
Noah:	62.1 LAeq	dB
Sandy:	47.1 LAeq	102.5 dB
Water Tower:	49.3 LAeq	111.9 dB
Wilson:	48.9 LAeq	96.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.2	13.4	10.9	11.5
Edwards:	9.7	10.9	0.0	0.0
Hollinger Office:	16.4	17.6	22.0	25.8
Sandy:	11.8	12.2	11.5	12.2

# 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:	1.2	2.1
Edwards:	6.2	8.9
Hollinger Office:	3.4	10.6
Sandy:	2.1	3.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.2	0.7
Hollinger West:	0.7	0.1	0.5
Imerys:	0.9	0.4	0.9
Noah:	0.5	0.5	0.7
Moneta Pumping Station	1.2	0.9	1.8
Sandy:	1.3	0.5	1.7
Water Tower:			
Wilson:	1.6	1.0	1.2



