

# Hollinger Public Blast Report

**Blast Pattern:** 386-073a/b  
**Date:** 30-Mar-23  
**Blast Time:** 15:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 4,265 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 20 km/h  
Wind Direction: SW  
Temperature: 0.9 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

		<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57	L <sub>Aeq</sub>	117.2 dB
Edwards:	52.1	L <sub>Aeq</sub>	115.5 dB
Fred:	48.8	L <sub>Aeq</sub>	110.6 dB
Hollinger Office:	57.6	L <sub>Aeq</sub>	121 dB
Noah:	60.9	L <sub>Aeq</sub>	118.9 dB
Sandy:	49.7	L <sub>Aeq</sub>	111.1 dB
Water Tower:	59.8	L <sub>Aeq</sub>	112.6 dB
Wilson:	54.1	L <sub>Aeq</sub>	117.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	7.8	6.9	7.7
Edwards:	17.8	25.4	15.5	25.2
Hollinger Office:	17.0	22.9	12.9	25.0
Sandy:	7.3	7.6	9.9	10.6

# 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:	0.4	1.0
Edwards:	6.0	8.5
Hollinger Office:	2.5	4.3
Sandy:	1.3	2.1

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

**Vibration Alert: No exceedances recorded**

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



