

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_073C/3286\_076A  
**Date:** 14-Apr-23  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:22

## Blast Conditions

Ceiling Height:	21,982	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	13	km/h
Wind Direction:	E	
Temperature:	6.3	°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:	55.4	LAeq	98.0 dB
Edwards:	50.5	LAeq	98.9 dB
Fred:	43	LAeq	98.5 dB
Hollinger Office:	54.1	LAeq	111.8 dB
Noah:	58.4	LAeq	102.4 dB
Sandy:	44	L <sub>aeq</sub>	102.1 dB
Water Tower:	48.8	LAeq	107.3 dB
Wilson:	49.2	LAeq	101.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	10.2	6.5	9.2
Edwards:	13.8	17.1	17.7	26.8
Hollinger Office:	25.1	45.1	30.9	61.6
Sandy:	42.2	104.6	55.9	136.7

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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:	0.1	0.3
Edwards:	1.5	1.9
Hollinger Office:	0.7	1.1
Sandy:	5.1	20.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.5	1.1
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.4
Noah:	0.4	0.5	0.5
Moneta Pumping Station	0.2	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.1	0.1	0.2
Wilson:	0.6	0.2	0.4



