

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_068 3286\_067B  
**Date:** 26-Mar-23  
**Blast Time:** 15:38  
**Blast Sign Activation:** 7:24  
**Website Notification Time:** 7:23

## Blast Conditions

Ceiling Height:	2,297	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	20	km/h
Wind Direction:	NW	
Temperature:	2.8	°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:	53.6	LAeq	105.1 dB
Edwards:	50.2	LAeq	101.3 dB
Fred:	44.1	LAeq	101.5 dB
Hollinger Office:	52.2	LAeq	110.6 dB
Noah:	61.7	LAeq	109.3 dB
Sandy:	43.1	L <sub>Aeq</sub>	104.2 dB
Water Tower:	45.6	LAeq	113.4 dB
Wilson:	61.5	LAeq	105.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	13.5	7.3	15.9
Edwards:	12.0	22.6	14.8	58.2
Hollinger Office:	4.5	5.5	15.6	18.0
Sandy:	4.7	5.0	7.5	8.1

# 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:	1.4	2.8
Edwards:	6.8	12.5
Hollinger Office:	0.7	1.2
Sandy:	1.0	1.2

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

**Vibration Alert: No exceedances recorded**

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



