

# Hollinger Public Blast Report

**Blast Pattern:** 3292\_082, 3286\_064B  
**Date:** 24-Feb-23  
**Blast Time:** 11:51  
**Blast Sign Activation:** 7:42  
**Website Notification Time:** 7:43

## Blast Conditions

Ceiling Height:	12,139	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	9	km/h
Wind Direction:	W	
Temperature:	-20.0	°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:	50.7 LAeq	108.7 dB
Edwards:	44.8 LAeq	100.0 dB
Fred:	37.4 LAeq	97.7 dB
Hollinger Office:	54.4 LAeq	110.8 dB
Noah:	58.4 LAeq	105.7 dB
Sandy:	40.5 LAeq	100.6 dB
Water Tower:	46.6 LAeq	111.3 dB
Wilson:	43.8 LAeq	95.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.7	4.0	4.8	7.0
Edwards:	11.2	22.2	13.8	30.1
Hollinger Office:	4.8	5.4	7.2	10.9
Sandy:	7.4	8.0	6.9	7.2

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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:	2.1	3.9
Edwards:	10.2	14.0
Hollinger Office:	4.4	7.6
Sandy:	1.4	2.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.3	0.2	0.2
Hollinger Office:	2.2	1.4	1.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.0	0.0	0.0
Noah:	0.7	0.7	0.7
Moneta Pumping Station	0.2	0.3	0.3
Sandy:	0.7	0.3	0.7
Water Tower:	0.3	0.3	0.3
Wilson:	0.5	0.4	0.4



