

# Hollinger Public Blast Report

**Blast Pattern:** 3286\_051  
**Date:** 13-Jan-23  
**Blast Time:** 11:40  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 1,312 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 20  
Wind Direction: N  
Temperature: -17.8 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	54.6 LAeq	109.0 dB
Edwards:	48.2 LAeq	99.5 dB
Fred:	43.9 LAeq	107.8 dB
Hollinger Office:	54.9 LAeq	112.3 dB
Noah:	59.6 LAeq	104.0 dB
Sandy:	41.3 LAeq	107.0 dB
Water Tower:	46.7 LAeq	113.1 dB
Wilson:	47.3 LAeq	107.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	7.1	5.4	6.1
Edwards:	4.2	6.5	9.0	10.7
Hollinger Office:	3.8	4.8	5.6	6.4
Sandy:	18.4	27.2	16.6	32.0

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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:	2.1	2.8
Hollinger Office:	4.2	9.4
Sandy:	10.2	22.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.4	0.3
Hollinger West:	0.4	0.2	0.3
Imerys:	0.5	0.5	0.6
Noah:	0.5	0.5	0.6
Moneta Pumping Station	1.3	0.8	0.8
Sandy:	1.3	0.5	1.6
Water Tower:	0.3	0.4	0.4
Wilson:	1.8	0.8	1.2



