

# Hollinger Public Blast Report

**Blast Pattern:** 3298\_087A  
**Date:** 12-Jan-23  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:25  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height: 2,953 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 6  
Wind Direction: NW  
Temperature: -7.9 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	53.6 LAeq	108.8 dB
Edwards:	54.6 LAeq	97.6 dB
Fred:	48.4 LAeq	94.6 dB
Hollinger Office:	54.7 LAeq	108.4 dB
Noah:	60.2 LAeq	99.4 dB
Sandy:	40.9 LAeq	101.9 dB
Water Tower:	63.1 LAeq	104.7 dB
Wilson:	50.2 LAeq	97.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	12.6	7.9	11.2
Edwards:	11.9	14.5	16.7	21.1
Hollinger Office:	3.9	5.6	15.6	22.3
Sandy:	8.1	10.7	13.5	18.3

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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:	8.7	18.5
Edwards:	15.5	41.1
Hollinger Office:	12.3	17.1
Sandy:	13.9	17.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	1.8	1.0	1.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.5	0.9
Noah:	1.1	0.6	0.9
Moneta Pumping Station	0.3	0.1	0.2
Sandy:	0.3	0.2	0.4
Water Tower:	0.7	0.5	0.5
Wilson:	0.6	0.7	0.6



