

# Hollinger Public Blast Report

**Blast Pattern:** 3274\_016  
**Date:** 11-Mar-22  
**Blast Time:** 11:34  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 16,076 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 100% Overcast Snow  
 Wind Speed: 19  
 Wind Direction: S  
 Temperature: -7.8 °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:	61.1 LAeq	102.4 dB
Edwards:	0.0 LAeq	0.0 dB
Fred:	42.9 LAeq	109.3 dB
Hollinger Office:	53.2 LAeq	115.2 dB
Noah:	54.4 LAeq	110.3 dB
Sandy:	45.4 LAeq	105.8 dB
Water Tower:	54.4 LAeq	113.1 dB
Wilson:	55.6 LAeq	107.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	5.9	3.9	4.6
Edwards:	4.4	5.1	9.7	10.9
Hollinger Office:	13.1	17.8	12.7	23.8
Sandy:	2.1	2.5	5.9	6.4

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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:	0.6	3.6
Edwards:	0.5	1.2
Hollinger Office:	3.9	6.0
Sandy:	0.7	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.9	1.0	0.7
Imerys:	0.5	0.7	0.4
Noah:	1.3	1.1	1.2
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	1.1	0.4	0.7
Water Tower:	1.2	1.5	1.3
Wilson:	1.4	1.2	1.0



